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Run on: March 15, 2004, 12:51:25 ; Search time 23.8 Seconds (Without alignments)
124.208 Million cell updates/sec

Title: US-09-734-002-8
Perfect score: 80
Sequence: 1 TLGNPNHDGNDLFL 14

Scoring table: BIOTSM62
Gappen 10.0, Gapext 0.5

Searched: 809742 seqs, 211153259 residues

Total number of hits satisfying chosen parameters: 809742

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*

1: /cgn2_6/ptodata/1/pubpa/PCT_NW_PUB_PEP:*

2: /cgn2_6/ptodata/1/pubpa/PCT_NW_PUB_PEP:*

3: /cgn2_6/ptodata/1/pubpa/US06_PUBCOMB_PEP:*

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7: /cgn2_6/ptodata/1/pubpa/US08_PUBCOMB_PEP:*

8: /cgn2_6/ptodata/1/pubpa/US08_PUBCOMB_PEP:*

9: /cgn2_6/ptodata/1/pubpa/US09A_PUBCOMB_PEP:*

10: /cgn2_6/ptodata/1/pubpa/US09B_PUBCOMB_PEP:*

11: /cgn2_6/ptodata/1/pubpa/us9c_PUBCOMB_PEP:*

12: /cgn2_6/ptodata/1/pubpa/us99_NW_PUB_PEP:*

13: /cgn2_6/ptodata/1/pubpa/US0A_PUBCOMB_PEP:*

14: /cgn2_6/ptodata/1/pubpa/US0B_PUBCOMB_PEP:*

15: /cgn2_6/ptodata/1/pubpa/us0c_PUBCOMB_PEP:*

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17: /cgn2_6/ptodata/1/pubpa/US00_NW_PUB_PEP:*

18: /cgn2_6/ptodata/1/pubpa/us60_PUBCOMB_PEP:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	80	10.0	14	Sequence 9, Appli
2	80	10.0	607	Sequence 9, Appli
3	80	10.0	607	Sequence 2, Appli
4	80	10.0	607	Sequence 29, Appli
5	80	10.0	607	Sequence 88, Appli
6	72	9.0	14	Sequence 47, Appli
7	72	9.0	14	Sequence 2, Appli
8	72	9.0	14	Sequence 5, Appli
9	72	9.0	14	Sequence 6, Appli
10	48	6.0	856	Sequence 57, Appli
11	46	5.7	114	Sequence 3843, Appli
12	42	5.5	149	Sequence 3859, Appli
13	41	5.1	149	Sequence 1216, Appli
14	41	5.1	298	Sequence 11529, Appli
15	51.2	3.8	15	Sequence 6538, Appli
15	51.2	3.8	15	Sequence 6539, Appli

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SEQUENCES

Sequence ID	Sequence
Sequence 62, Appli	US-09-995-598-62
Sequence 60, Appli	US-09-995-598-60
Sequence 177, Appli	US-09-995-298-177
Sequence 7, Appli	US-09-840-479-7
Sequence 175, APP	US-09-855-296-175
Sequence 2323, APP	US-10-264-049-2323
Sequence 7, Appli	US-10-027-888-7
Sequence 5, Appli	US-10-037-888-5
Sequence 88, Appli	US-10-042-844-88
Sequence 19096, A	US-10-169-433-1096
Sequence 2, Appli	US-10-181-277-2
Sequence 2, Appli	US-10-055-187-2
Sequence 62, Appli	US-10-342-844-62
Sequence 1, Appli	US-10-037-888-6
Sequence 13, Appli	US-10-037-888-13
Sequence 8, Appli	US-10-027-888-9
Sequence 9, Appli	US-10-027-888-10
Sequence 10, Appli	US-10-027-828-11
Sequence 11, Appli	US-10-227-255-1
Sequence 14, Appli	US-10-071-319-14
Sequence 66, Appli	US-10-312-844-66
Sequence 80, Appli	US-10-42-844-80
Sequence 84, Appli	US-10-42-844-84
Sequence 64, Appli	US-10-342-844-64
Sequence 22, Appli	US-10-039-433A-22
Sequence 6, Appli	US-10-04-055-6
Sequence 1, Appli	US-09-034-613-1
Sequence 4, Appli	US-09-727-238-4
Sequence 15956, A	US-10-369-493-15956

ALIGMENTS

RESULT 1
US-09-734-002-8
Sequence 8, Application US/09734002
Patent No. US20010016333A1
GENERAL INFORMATION:
APPLICANT: Moroharu SEIKI et al.
TITLE OF INVENTION: NOVEL PROTEIN AND MONOClonAL ANTIBODY SPECIFIC THERAPEUTIC NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wendelth, Lind & Ponack, L.L.P.
STREET: 2033 K Street, N.W., Suite 800
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20006
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/734,002
FILING DATE: 12-Dec-2000
CLASIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: PCT/JP96/01956
FILING DATE: July 12, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Lee Cheng
REGISTRATION NUMBER: 40,949
REFERENCE/DOCKET NUMBER: <Unknown>
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-721-8200
TELEFAX: 202-721-8250
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 14

TYPE: Amino acid

STRANDEDNESS: Single

TOPOLOGY: Linear

SEQUENCE DESCRIPTION: SEQ ID NO: 8

US-09-734-002-8

Query Match

Best Local Similarity 100.0%; Score 80; DB 9; Length 14; Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TLGNPNHDGNDLFL 14

DB 1 TLGNPNHDGNDLFL 14

RESULT 2

US-09-734-002-2

Sequence 2, Application US/09734002

Patent No. US20010163341

GENERAL INFORMATION:

APPLICANT: Motoharu SBIKI et al.

TITLE OF INVENTION: NOVEL PROTEIN AND MONOClonAL ANTIBODY SPECIFIC THERETO

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSE: Wenderoth, Lind & Ponack, L.L.P.
STREET: 2033 K Street, N.W., Suite 800
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.

ZIP: 20006

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 inch, 1.44 mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS

SOFTWARE: Nordperfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/734, 002

FILING DATE: 12-Dec-2000

CLASSIFICATION: <Unknown>

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: PCT/JP96/01956

FILING DATE: July 12, 1996

ATTORNEY/AGENT INFORMATION:

NAME: Lee Cheng

REGISTRATION NUMBER: 40,949

REFERENCE/DOCKET NUMBER: <Unknown>

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-721-8200

TELEFAX: 202-721-8250

TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 607

TYPE: Amino acid

STRANDEDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Protein

ORIGINAL SOURCE:

ORGANISM: Human

SEQUENCE DESCRIPTION: SEQ ID NO: 2:

US-09-734-002-2

Query Match 100.0%; Score 80; DB 9; Length 607; Best Local Similarity 100.0%; Pred. No. 5.5e-05; Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TLGNPNHDGNDLFL 14

DB 229 TLGNPNHDGNDLFL 242

RESULT 3

US-09-801-196-29

Sequence 29, Application US/09801196

Patent No. US2002007827A1

GENERAL INFORMATION:

APPLICANT: Wang, Kai

APPLICANT: Smith, Ryan

APPLICANT: Falardo, Mack

APPLICANT: Mois, Patrick

TITLE OF INVENTION: A NOVEL MATRIX METALLOPROTEINASE (MMP-25)

FILE REFERENCE: 240103_509

CURRENT APPLICATION NUMBER: US/09/801,196

CURRENT FILING DATE: 2001-03-06

NUMBER OF SEQ ID NOS: 37

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO: 29

LENGTH: 607

TYPE: PRTE

ORGANISM: Homo sapiens

US-09-801-196-29

Query Match 100.0%; Score 80; DB 9; Length 607; Best Local Similarity 100.0%; Pred. No. 5.5e-05; Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TLGNPNHDGNDLFL 14

DB 229 TLGNPNHDGNDLFL 242

RESULT 4

US-10-176-847-88

Sequence 88, Application US/10176847

Publication No. US20030088636A1

GENERAL INFORMATION:

APPLICANT: Veidy, Petter Ole

TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS FOR BREA

TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF BREA

FILE REFERENCE: WRI-039

CURRENT APPLICATION NUMBER: US/10/176,847

CURRENT FILING DATE: 2002-06-21

NUMBER OF SEQ ID NOS: 112

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO: 88

LENGTH: 607

TYPE: PRTE

ORGANISM: Homo sapiens

US-10-176-847-88

Query Match 100.0%; Score 80; DB 14; Length 607; Best Local Similarity 100.0%; Pred. No. 5.5e-05; Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TLGNPNHDGNDLFL 14

DB 229 TLGNPNHDGNDLFL 242

RESULT 5

US-10-131-985-47

Sequence 47, Application US/10131985

Publication No. US20030199440A1

GENERAL INFORMATION:

APPLICANT: Dack, Kevin N

APPLICANT: Davies, Michael J

APPLICANT: Huggins, Jonathan P

APPLICANT: McIntosh, Fraser S

APPLICANT: Occleston, Nicholas L

TITLE OF INVENTION: Composition

FILE REFERENCE: PGS 1039A

CURRENT APPLICATION NUMBER: US/10/131,985

RESULT 3

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; CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US/09/726,295
; PRIOR FILING DATE: 2000-11-30
; PRIORITY NUMBER: GB 9930768.8
; PRIORITY NUMBER: 1999-12-29
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 47
; LENGTH: 607
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-131-985-47

Query Match 100.0%; Score 80; DB 14; Length 607;
Best Local Similarity 100.0%; Pred. No. 5; S=0.5; Mismatches 0; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TIGNPNHDGNDLFL 14
Db 229 TIGNPNHDGNDLFL 242

RESULT 6
US-09-891-160-2
; Sequence 2, Application US/09891160
; Patent No. US2000103354A1
; GENERAL INFORMATION:
; APPLICANT: Anthony J. Arlath
; APPLICANT: Anne Romanic-Arnold
; APPLICANT: Xiaotong Li
; APPLICANT: Yuan Zhu
; TITLE OF INVENTION: A SPLICING VARIANT OF HUMAN
; FILE REFERENCE: GH-70613-D1
; CURRENT APPLICATION NUMBER: US/09/891,160
; CURRENT FILING DATE: 2001-06-25
; PRIOR APPLICATION NUMBER: US 09/294,841
; PRIOR FILING DATE: 1999-04-20
; PRIOR APPLICATION NUMBER: PCT/US00/10539
; PRIOR FILING DATE: 2000-04-19
; NUMBER OF SEQ ID NOS: 2
; SEQ ID NO: 2
; LENGTH: 532
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
; US-09-891-160-2

Query Match 90.0%; Score 72; DB 9; Length 532;
Best Local Similarity 92.9%; Pred. No. 0.001; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TIGNPNHDGNDLFL 14
Db 152 TIGNPNHDGNDLFL 165

RESULT 7
US-10-406-209-5
; Sequence 5, Application US/10406209
; Publication No. US2003017058A1
; GENERAL INFORMATION:
; APPLICANT: KYOWA HAKKO KOGYO CO., LTD.
; TITLE OF INVENTION: NOVEL ANTIBODIES, DRUGS CONTAINING THESE ANTIBODIES AND
; METHODS FOR SCREENING COMPOUNDS BY USING THESE ANTIBODIES
; FILE REFERENCE: 1221.19
; CURRENT APPLICATION NUMBER: US/10/406,209
; PRIOR APPLICATION NUMBER: US/09/806,228C
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PCT/JP99/03350
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-09-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: JP 10-291501
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: JP 10-291503
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 6
; LENGTH: 645
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-406-209-5

Query Match 90.0%; Score 72; DB 9; Length 645;
Best Local Similarity 92.9%; Pred. No. 0.0013; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TIGNPNHDGNDLFL 14
Db 265 TIGNPNHDGNDLFL 278

RESULT 9
US-10-131-985-57
; Sequence 57, Application US/10131985
; Publication No. US20030199440A1
; GENERAL INFORMATION:
; APPLICANT: Dack, Kevin N
; APPLICANT: Davies, Michael J
; APPLICANT: Fish, Paul V
; APPLICANT: Huggins, Jonathan P
; APPLICANT: McIntosh, Fraser S
; APPLICANT: Oglester, Nicholas L
; TITLE OF INVENTION: Composition
; FILE REFERENCE: PCS 1031IA
; CURRENT APPLICATION NUMBER: US/10/131,985
; CURRENT FILING DATE: 2002-04-25

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; PRIOR APPLICATION NUMBER: US/09/726,295
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: GB 9930768.8
; PRIOR FILING DATE: 1999-11-29
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 57
; LENGTH: 645
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-131-985-57

Query Match 90.0%; Score 72; DB 14; Length 645;
Best Local Similarity 92.9%; Pred. No. 0.0013; Mismatches 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 TLGNPNHDGNDLFL 14
Db 265 TLGNANHDGNDLFL 278

RESULT 10
US-10-369-493-3843
; Sequence 3843, Application US/10369493
; Publication No. US20030233675A1

; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; FILE REFERENCE: 3B-10/520521B
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US/10/369,493
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO: 3843
; LENGTH: 856
; TYPE: PRT
; ORGANISM: Neurospora crassa
; FEATURE:
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1); -(56)
; OTHER INFORMATION: unsure at all Xaa locations
; US-10-369-493-3843

Query Match 60.0%; Score 48; DB 15; Length 856;
Best Local Similarity 70.0%; Pred. No. 17; Mismatches 2; Mismatches 1; Indels 0; Gaps 0;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
QY 5 PNHDGNDLFL 14
Db 139 PNHDGTDLYI 148

RESULT 11
US-09-864-761-36859
; Sequence 36859, Application US/09864761
; Patent No. US2004008763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aeonica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312

; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 242633.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 41117
; SEQ ID NO: 36859
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO ALI121752.2
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.9
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.6
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.4
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.8
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.1
; OTHER INFORMATION: EXPRESSED IN DUNG, SIGNAL = 2.1
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.5
; OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 1.9
; OTHER INFORMATION: EXPRESSED IN B1474, SIGNAL = 2.2
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.4
; OTHER INFORMATION: EXPRESSED IN EST HUMAN HIT, AU19732.1, EVALUATE 3.00e-47
; OTHER INFORMATION: SWISSPROT HIT: P51512, EVALUATE 3.00e-48
; OTHER INFORMATION: SWISSPROT HIT: P51512, EVALUATE 3.00e-48
; US-09-864-761-36859

Query Match 57.5%; Score 46; DB 9; Length 114;
Best Local Similarity 88.9%; Pred. No. 4.1; Mismatches 1; Indels 0; Gaps 0;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 TLGNPNHDG 9
Db 94 TLGNANHDG 102

RESULT 12
US-10-289-762-1216
; Sequence 1216, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frag

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TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO: 1216
; LENGTH: 149
; TYPE: PRT
; ORGANISM: Chlamydia pneumoniae
; US-10-289-762-1216

Query Match 52.5%; Score 42; DB 15; Length 149;
; Best Local Similarity 72.7%; Pred. No. 25; Mismatches 8; Conservative 1; Indels 0; Gaps 0;
; Matches 8; Mismatches 2; Indels 0; Gaps 0;

Qy 4 NPNHDGDLFL 14
; Db 41 NPNHYGHDIGL 51

RESULT 13
; Sequence 11529, Application US/10156761
; Publication No. US20030119018A1
; GENERAL INFORMATION:
; APPLICANT: OMURA, SATOSHI
; APPLICANT: IKEDA, HARUO
; APPLICANT: ISHIKAWA, JUN
; APPLICANT: HORIKAWA, HIROSHI
; APPLICANT: SHIBA, TAKAYOSHI
; APPLICANT: SAKAKI, YOSHIOKI
; APPLICANT: HATTORI, MASAHIRO
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
; FILE REFERENCE: 249-262
; CURRENT APPLICATION NUMBER: US/10/155,761
; CURRENT FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: JPP 2001-204089
; PRIOR FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: JP 2001-272697
; PRIOR FILING DATE: 2001-08-02
; NUMBER OF SEQ ID NOS: 15109
; SEQ ID NO: 11529
; LENGTH: 298
; TYPE: PRT
; ORGANISM: Streptomyces avermitilis
; US-10-261-11529

Query Match 51.2%; Score 41; DB 14; Length 298;
; Best Local Similarity 72.7%; Pred. No. 79; Mismatches 8; Conservative 0; Indels 3; Gaps 0;
; Matches 8; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGNGNPHDGN 11
; Db 192 TIGGNPHDGN 202

RESULT 14
; Sequence 6538, Application US/10369493
; Publication No. US20030233675A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; FILE REFERENCE: 38-10/52052B
; CURRENT APPLICATION NUMBER: US/10/369,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO: 6539
; LENGTH: 3871
; TYPE: PRT
; ORGANISM: Cenorhabditis elegans
; US-10-369-493-6539

Query Match 51.2%; Score 41; DB 15; Length 3871;
; Best Local Similarity 70.0%; Pred. No. 1.3e-03; Mismatches 7; Conservative 2; Indels 0; Gaps 0;
; Matches 7; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TGNGNPHDGN 10
; Db 2218 TUNSPNNDGN 2227

Search completed: March 15, 2004, 12:58:13
; Job time : 23.8 secs

RESULT 15
; Sequence 6539, Application US/10369493
; Publication No. US20030233675A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; FILE REFERENCE: 38-10/52052B
; CURRENT APPLICATION NUMBER: US/10/369,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO: 6539
; LENGTH: 3871
; TYPE: PRT
; ORGANISM: Cenorhabditis elegans
; US-10-369-493-6539

Query Match 51.2%; Score 41; DB 15; Length 3871;
; Best Local Similarity 70.0%; Pred. No. 1.3e-03; Mismatches 7; Conservative 2; Indels 0; Gaps 0;
; Matches 7; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TGNGNPHDGN 10
; Db 2218 TUNSPNNDGN 2227

Search completed: March 15, 2004, 12:58:13
; Job time : 23.8 secs

RESULT 16
; Sequence 6538, Application US/10369493
; Publication No. US20030233675A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; FILE REFERENCE: 38-10/52052B
; CURRENT APPLICATION NUMBER: US/10/369,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO: 6539
; LENGTH: 3871
; TYPE: PRT
; ORGANISM: Cenorhabditis elegans
; US-10-369-493-6539

Query Match 51.2%; Score 41; DB 15; Length 3871;
; Best Local Similarity 70.0%; Pred. No. 1.3e-03; Mismatches 7; Conservative 2; Indels 0; Gaps 0;
; Matches 7; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TGNGNPHDGN 10
; Db 2218 TUNSPNNDGN 2227

Search completed: March 15, 2004, 12:58:13
; Job time : 23.8 secs

RESULT 17
; Sequence 6538, Application US/10369493
; Publication No. US20030233675A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; FILE REFERENCE: 38-10/52052B
; CURRENT APPLICATION NUMBER: US/10/369,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039

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OM protein - protein search, using sw model

Run on: March 15, 2004, 12:48:00 ; Search time: 12.3667 Seconds
(Without alignments) 58.444 Million cell updates/sec

Title: US-09-734-002-8
Perfect score: 80
Sequence: 1 TLGNPNHDGNDLFL 14

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA: *
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2: /cgn2_6/ptodata/2/iaaa/5B_COMB.pep: *
3: /cgn2_6/ptodata/2/iaaa/6A_COMB.pep: *
4: /cgn2_6/ptodata/2/iaaa/6B_COMB.pep: *
5: /cgn2_6/ptodata/2/iaaa/PCITS_COMB.pep: *
6: /cgn2_6/ptodata/2/iaaa/backfile1.pep: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARES

Result No.	Score	Query	Length	DB	ID	Description
1	80	100.0	14	3	US-09-000-041A-8	Sequence 8, Appli
2	80	100.0	604	4	US-09-000-041A-8	Sequence 30, Appli
3	80	100.0	607	3	US-09-000-041A-2	Sequence 2, Appli
4	80	100.0	607	3	US-02-211-704B-10	Sequence 10, Appli
5	80	100.0	532	3	US-02-294-841-2	Sequence 2, Appli
6	43	53.8	129	4	US-03-107-532-5649	Sequence 5649, AP
7	42	52.5	149	4	US-03-198-452A-1216	Sequence 1216, AP
8	40	50.0	670	4	US-03-543-681A-5979	Sequence 5979, AP
9	40	50.0	677	4	US-03-543-681A-5460	Sequence 5460, AP
10	40	50.0	1507	6	526270	Patent No. 526270
11	39	48.8	156	4	US-02-257-583-7	Sequence 7, Appli
12	39	48.8	353	2	US-01-865-203-4	Sequence 4, Appli
13	39	48.8	353	2	US-07-849-420-4	Sequence 4, Appli
14	39	48.8	353	3	US-02-253-854-4	Sequence 4, Appli
15	39	48.8	353	3	US-01-955-424-4	Sequence 4, Appli
16	39	48.8	1872	6	538025	Patent No. 538025
17	39	48.8	1873	1	US-09-435-675B-4	Sequence 4, Appli
18	39	48.8	1873	1	US-08-336-257A-7	Sequence 7, Appli
19	39	48.8	1874	4	US-07-417-485D-6	Sequence 6, Appli
20	38	47.5	402	3	US-09-311-892-4	Sequence 4, Appli
21	38	47.5	402	4	US-09-712-238A-4	Sequence 4, Appli
22	38	47.5	579	3	US-08-704-71A-1	Sequence 1, Appli
23	38	47.5	579	4	US-01-521-220-1	Sequence 1, Appli
24	38	47.5	581	4	US-01-03-515-2	Sequence 2, Appli
25	38	47.5	582	3	US-08-704-71A-2	Sequence 1, Appli
26	38	47.5	582	3	US-08-448-489-1	Sequence 1, Appli
27	38	47.5	582	3	US-09-211-704A-9	Sequence 9, Appli

ALIGNMENTS

RESULT 1

US-09-000-041A-8

Sequence 8, Application US/09000041A
Patent No. 619225

GENERAL INFORMATION:

APPLICANT: Moroharu SEIKI et al.

TITLE OF INVENTION: NOVEL PROTEIN AND MONOCLOINAL ANTIBODY SPECIFIC THERETO

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ATTORNEY/ AGENT INFORMATION:

NAME: Lee Chang

STREET: 2033 K Street, N.W., Suite 800

CITY: Washington

STATE: D.C.

COUNTRY: U.S.A.

ZIP: 20006

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: MS-DOS

SOFTWARE: Wordperfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/000.041A

FILING DATE: January 13, 1998

CLASSIFICATION: 556

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/JP96/01956

FILING DATE: July 12, 1996

ATTORNEY/ AGENT INFORMATION:

NAME: Lee Chang

REGISTRATION NUMBER: 40,949

REFERENCE DOCKET NUMBER:

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-721-8200

TELEFAX: 202-721-8250

TELEX:

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 14

TYPE: Amino acid

STRANDEDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Peptide

US-09-000-041A-8

Query Match 100.0%; Score 80; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.3e-07;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TLGNPNHDGNDLFL 14

|||||||||||||

Db 1 TLGNPNHDGNDLFL-14

RESULT 2

US-09-391-104-30

Sequence 30; Application US/09391104

Patent No. 6399371

GENERAL INFORMATION:

APPLICANT: Abbott Laboratories

APPLICANT: Paladto, Michael T.

APPLICANT: Magnuson, Scott R.

APPLICANT: Morian, Douglas W.

TITLE OF INVENTION: HUMAN MATRIX METALLOPROTEASE GENE, PROTEINS ENCODED THEREFROM AND METHODS

TITLE OF INVENTION: OF USING SAME

FILE REFERENCE: 6073 US PI

CURRENT APPLICATION NUMBER: US/09/391,104

CURRENT FILING DATE: 1999-09-07

PRIOR APPLICATION NUMBER: US 08/814,394

NUMBER OF SEQ ID NOS: 35

SOFTWARE: FastSBQ for Windows Version 3.0

SEQ ID NO: 30

TYPE: PRT

ORGANISM: Homo sapiens

US-09-391-104-30

Query Match 100.0%; Score 80; DB 3; Length 607; Best Local Similarity 100.0%; Pred. No. 2.4e-05; Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Length: 604

QY 1 TLGNPNHDGNDLFL 14

Db 229 TLGNPNHDGNDLFL 242

RESULT 3

US-09-000-041A-2

Sequence 2; Application US/09000041A

Patent No. 6391255

GENERAL INFORMATION:

APPLICANT: Motoharu SEIKI et al.

TITLE OF INVENTION: NOVEL PROTEIN AND MONOClonAL ANTIBODY SPECIFIC THERETO

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: Wenderoth, Lind & Ponack, L.L.P.

STREET: 2033 K Street, N.W., Suite 800

CITY: Washington

STATE: D.C.

ZIP: 20006

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette; 3.5 inch, 1.44 mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: MS-DOS

SOFTWARE: Wordperfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/000,041A

FILING DATE: January 13, 1998

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/JP96/01956

FILING DATE: July 12, 1996

ATTORNEY/AGENT INFORMATION:

NAME: Joe Cheng

REGISTRATION NUMBER: 34,090

REFERENCE DOCKET NUMBER: SF0781K

TELECOMMUNICATION INFORMATION:

TELEPHONE: (650) 852-9196

TELEFAX: (650) 496-1200

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 607 amino acids

TYPE: amino acid

STRANDEDNESS: not relevant

TOPOLOGY: Linear

MOLECULE TYPE: Peptide

Query Match 100.0%; Score 80; DB 3; Length 607; Best Local Similarity 100.0%; Pred. No. 2.4e-05; Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Length: 604

QY 1 TLGNPNHDGNDLFL 14

Db 229 TLGNPNHDGNDLFL 242

RESULT 5 US-09-294-841-2

; Sequence 2, Application US/09294841A

; Patent No. 6274717

; GENERAL INFORMATION:

; APPLICANT: Anthony J. Arleth

; APPLICANT: Anne Romnic Arnold

; APPLICANT: Xiaotong Li

; TITLE OF INVENTION: A SPLICING VARIANT OF HUMAN MEMBRANE-TYPE FILE REFERENCE: GH-70613

CURRENT APPLICATION NUMBER: US/09/294-841A

CURRENT FILING DATE: 1999-04-20

NUMBER OF SEQ ID NOS: 2

SOFTWARE: FASTSEQ for Windows Version 3.0

SEQ ID NO 2

LENGTH: 532

TYPE: PRT

ORGANISM: HOMO SAPIEN

US-09-294-841-2

Query Match 90.0%; Score 72; DB 3; Length 532; Best Local Similarity 92.9%; Pred. No. 0.00045; Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TLGNPNHDGNDLFL 14

Db 152 TLGNANHDGNDLFL 165

RESULT 6 US-09-107-532A-5649

; Sequence 5649, Application US/09107532A

; Patent No. 6583215

; GENERAL INFORMATION:

; APPLICANT: Lynn A. Doucette-Stamm and David Bush

TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO NUMBER OF SEQUENCES: 7310

CORRESPONDENCE ADDRESS:

ADDRESS: GENOME THERAPEUTICS CORPORATION

STREET: 100 Beaver Street

CITY: Waltham

STATE: Massachusetts

COUNTRY: USA

ZIP: 02454

COMPUTER READABLE FORM:

MEDIUM TYPE: CD/ROM ISO9660

COMPILER: PC

OPERATING SYSTEM: <Unknown>

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/107,532A

FILED DATE: 30-Jun-1998

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/085,598

FILED DATE: 14 May 1998

APPLICATION NUMBER: 60/051571

FILED DATE: July 2, 1997

ATTORNEY/AGENT INFORMATION:

NAME: Arinello, Pamela Deneke

REGISTRATION NUMBER: 40,489

REFERENCE/DOCKET NUMBER: GTC-012

TELECOMMUNICATION INFORMATION:

TELEPHONE: (781)893-5007

TELEFAX: (781)893-8277

INFORMATION FOR SEQ ID NO: 5649:

SEQUENCE CHARACTERISTICS:

LENGTH: 129 amino acids

TYPE: amino acid

RESULT 7 US-09-198-452A-1216

; Sequence 1216, Application US/09198452A

; Patent No. 6559294

; GENERAL INFORMATION:

; APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments of the genome, and uses thereof, in particular for the diagnosis, prevention and treatment of infection

FILE REFERENCE: 9110-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 1216

LENGTH: 149

TYPE: PRT

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-1216

Query Match 52.5%; Score 42; DB 4; Length: 149; Best Local Similarity 72.7%; Pred. No. 11; Mismatches 8; Conservative 1; Indels 2; Gaps 0; Gaps 0;

Qy 4 NPHNHDGNDLFL 14

Db 41 NPHYHGNDLGL 51

RESULT 8 US-09-593-681A-5979

; Sequence 5979, Application US/09543681A

; Patent No. 6603709

; GENERAL INFORMATION:

; APPLICANT: GARY BRETON

TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIF

TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 2709-1002-001

CURRENT APPLICATION NUMBER: US/09/543,681A

CURRENT FILING DATE: 2000-04-05

PRIOR APPLICATION NUMBER: US 60/128,706

PRIOR FILING DATE: 1998-04-09

NUMBER OF SEQ ID NOS: 8344

SEQ ID NO 5979

LENGTH: 670

TYPE: PRT

ORGANISM: Proteus mirabilis

US-09-593-681A-5979

Query Match 50.0%; Score 40; DB 4; Length 670; Best Local Similarity 50.0%; Pred. No. 1.3e-02; Mismatches 9; Conservative 1; Indels 6; Gaps 1;

Qy 2 LGNP-----NHDGNDLF 13

RESULT 9
US-09-543,681A-5460
Sequence 5460, Application US/09543681A
GENERAL INFORMATION:
APPLICANT: GARY BRETON
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MTRABILIS
FILE REFERENCE: 2709,1002-001
CURRENT APPLICATION NUMBER: US/09/543,681A
CURRENT FILING DATE: 2000-04-05
PRIORITY APPLICATION NUMBER: US 60/128,706
PRIORITY FILING DATE: 1999-04-09
NUMBER OF SEQ ID NOS: 8344
SEQ ID NO 5460
LENGTH: 677
TYPE: PRT
ORGANISM: Proteus mirabilis
Qy 2 LGNPNP-----NHDGNDLF 13
Db 470 IGNPFDNNLIGGNDLF 487

RESULT 10
5268270-2
; Patent No. 5268270
; APPLICANT: Meyer, Thomas F.; Halter, Roman; Bohner, Johannes
; TITLE OF INVENTION: PROCESS FOR PRODUCING PROTEINS USING GRAM
; NEGATIVE HOST CELLS
; NUMBER OF SEQUENCES: 6
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/171,872
; FILING DATE: 01-JUL-1997
; SEQ ID NO:2;
; LENGTH: 1507

Query Match 50.0%; Score 40; DB 4; Length 677;
Best Local Similarity 50.0%; Pred. No. 1.3e+02;
Matches 9; Conservative 1; Mismatches 2; Indels 6; Gaps 1;

RESULT 11
US-09-257-583-7
; Sequence 7, Application US/09257583A
; Patent No. 6423362
; GENERAL INFORMATION:
; APPLICANT: Crane, Virginia
; TITLE OF INVENTION: Family Of Maize PR-1 Genes And Promoters
; FILE REFERENCE: 5718-32,03518/175219
; CURRENT APPLICATION NUMBER: US/09/257,583A
; CURRENT FILING DATE: 1999-02-25
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 156

Query Match 50.0%; Score 40; DB 6; Length 1507;
Best Local Similarity 63.6%; Pred. No. 3.2e+02;
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
Db 899 GPNHNDGNDLF 13
Db 899 GPNQEGNDLF 909

RESULT 12
US-08-855-203-4
; Sequence 4, Application US/08865203
; Patent No. 5938815
; GENERAL INFORMATION:
; APPLICANT: van de Ven, Willem Jan Marie
; APPLICANT: van den Ouwehand, Anna Maria Wilhelmina
; APPLICANT: van Duinboven, Johannes Lambertus Petrus
; APPLICANT: Koning, Piet Nico Maria
; TITLE OF INVENTION: Pharmaceutical Composition Having An
; TITLE OF INVENTION: Endoproteolytic Activity; A Process for
; TITLE OF INVENTION: Endoproteolytic Activity; A Process for
; TITLE OF INVENTION: Proteins And For The (Micro)Biological
; TITLE OF INVENTION: Production Of Proteins
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOFFMANN & BARON, LLP
; STREET: 350 Jericho Turnpike
; CITY: Jericho
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 11753

COMPUTER READABLE FORM:
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/865,203
; FILING DATE: 29-MAY-1997
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Tran, Jessica H.
; REGISTRATION NUMBER: 40,845
; REFERENCE/DOCKET NUMBER: 294-41 DIV II
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 822-3150
; TELEFAX: (516) 822-3582
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 313 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein

RESULT 13
US-07-849-420-4
; Sequence 4, Application US/07849420
; Patent No. 5989856
; GENERAL INFORMATION:

APPLICANT: van de Ven, Willem Jan Marie
 APPLICANT: van den Ouwehand, Anna Maria Wilhelmina
 APPLICANT: van Duijnhoen, Johannes Lambertus Petrus
 APPLICANT: Robroek, Antonius Johannes Maria
 APPLICANT: Koning, Piet Nico Maria
 TITLE OF INVENTION: Pharmaceutical Composition Having An
 TITLE OF INVENTION: Endoproteolytic Activity; A Process for
 TITLE OF INVENTION: Endoproteolytically Processing (Precursor)
 TITLE OF INVENTION: Proteins And For The (Micro)Biological
 TITLE OF INVENTION: Production Of Proteins
 NUMBER OF SEQUENCES: 12
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: COOPER & DUNHAM
 STREET: 30 Rockefeller Plaza
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10112
 COMPUTER READABLE FORM:
 COMPUTER TYPE: FLOPPY disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.24
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/849,420
 FILING DATE: 19920624
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Moran, Thomas F.
 REGISTRATION NUMBER: 16,579
 REFERENCE/DOCKET NUMBER: 2805/41413
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 977-9550
 TELEFAX: (212) 977-9550
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 353 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 STRANDEDNESS: single
 MOLECULE TYPE: protein
 US-07-849-420-4

Query Match 48.8%; Score 39; DB 2; Length 353;
 Best Local Similarity 66.7%; Pred. No. 90; Mismatches 1; Indels 0; Gaps 0;
 Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 4 NPNHGDNL 12
 Db 19 NPYPGNDV 27

RESULT 14
 US-09-253-854-4
 Sequence 4, Application US/09253854
 Patent No. 6273365
 GENERAL INFORMATION:
 APPLICANT: van de Ven, Willem Jan Marie
 APPLICANT: van den Ouwehand, Anna Maria Wilhelmina
 APPLICANT: van Duijnhoen, Johannes Lambertus Petrus
 APPLICANT: Robroek, Antonius Johannes Maria
 APPLICANT: Koning, Piet Nico Maria
 TITLE OF INVENTION: PHARMACEUTICAL COMPOSITION HAVING AN ENDOPROTEOLYTICALLY PROCESSING
 TITLE OF INVENTION: ACTIVITY; A PROCESS FOR ENDOPROTEOLYTICALLY PROCESSING
 TITLE OF INVENTION: PROTEINS AND FOR THE (MICRO)BIOLOGICAL
 TITLE OF INVENTION: PRODUCTION OF PROTEINS
 FILE REFERENCE: SEQUENCE LISTINGS 1.12 294-41 DIV/FWC
 CURRENT APPLICATION NUMBER: US/98/955,424
 CURRENT FILING DATE: 1997-10-22
 EARLIER APPLICATION NUMBER: 08/568,152
 EARLIER FILING DATE: 1995-06-12
 EARLIER APPLICATION NUMBER: 07/849,420
 EARLIER FILING DATE: 1992-06-24
 EARLIER APPLICATION NUMBER: PCT/NL90/00151
 EARLIER FILING DATE: 1990-10-21
 NUMBER OF SEQ ID NOS: 12
 SOFTWARE: Patentin Ver. 2.0
 SEQ ID NO 4
 LENGTH: 353
 TYPE: PRT
 ORGANISM: Kluyveromyces lactis
 US-09-955-24-4

Query Match 48.8%; Score 39; DB 3; Length 353;
 Best Local Similarity 66.7%; Pred. No. 90; Mismatches 1; Indels 0; Gaps 0;
 Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Mon Mar 15 13:28:04 2004

us-09-734-002-8.rail

QY 4 NPNHBCNDL 12
|||: |||:
19 NPNVY-GNDV 27
Db

Search completed: March 15, 2004, 12:56:20
Job time : 13.3667 secs

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GenCore version 5.1.6

OM protein - protein search, using sw model

Title: US-09-734-002-7
Run on: March 15, 2004, 12:51:25 ; Search time 30.6 Seconds
Sequence: 1 PTSPRMSVVSAAETWQSA 18
(without alignments)
Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 899742 seqs, 21153259 residues

Total number of hits satisfying chosen parameters: 809742
Minimum DB seq length: 0
Maximum DB seq length: 200000000
Post-processing: Minimum Match: 0%
Maximum Match: 100%
Listing first 45 summaries

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 2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
 3: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
 4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
 5: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
 6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
 7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
 8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
 9: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
 10: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
 11: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
 12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
 13: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep:*
 14: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep:*
 15: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
 16: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
 17: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*
 18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Prd. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No. Score Query Length DB ID Description

Result No.	Score	Query	Length	DB	ID	Description
1	86	100.0	18	9	US-09-734-002-7	Sequence 7, Appli
2	79	91.9	607	9	US-09-734-002-2	Sequence 9, Appli
3	79	91.9	607	9	US-09-734-002-2	Sequence 29, Appli
4	79	91.9	607	14	US-10-176-87-88	Sequence 88, Appli
5	79	91.9	607	14	US-10-11-985-47	Sequence 47, Appli
6	51.2	355	9	US-12-626-3650	Sequence 3650, Appli	
7	42	48.8	1211	15	US-10-359-493-3823	Sequence 3823, Appli
8	42	48.8	13	US-10-108-605-3823	Sequence 29, Appli	
9	41	47.7	73	11	US-09-864-408-6016	Sequence 6016, Appli
10	41	47.7	461	14	US-10-091-438-130	Sequence 130, Appli
11	40	46.5	54	9	US-09-864-34566	Sequence 34566, Appli
12	40	46.5	425	13	US-10-052-586-570	Sequence 570, Appli
13	40	46.5	425	14	US-10-114-590-570	Sequence 570, Appli
14	40	46.5	425	14	US-10-576-570	Sequence 570, Appli
15	40	46.5	425	14	US-10-175-737-570	Sequence 570, Appli

RESULT 1
US-09-734-002-7
; Application US/09734002
; Patent No. US2010016333A1
; GENERAL INFORMATION:
; APPLICANT: Motoharu SBRKI et al.
; TITLE OF INVENTION: NOVEL PROTEIN AND MONOClonal ANTIBODY SPECIFIC THERETO
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wenderoth, Lind & Ponack, L. L. P.
; STREET: 2033 K Street, N.W., Suite 800
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/734,002
; FILING DATE: 12-Dec-2000
; CLASSIFICATION: <Unknown>
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP96/01956
; FILING DATE: July 12, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee Cheng
; REGISTRATION NUMBER: 40-949
; REFERENCE/DOCKET NUMBER: <Unknown>
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-721-8200
; TELEFAX: 202-721-8250
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18

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; TYPE: Amino acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: Peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
; US-09-734-002-7

Query Match          100.0%; Score 86; DB 9; Length 18;
Best Local Similarity 100.0%; Pred. No. 9e-08; Mismatches 0; Indels 0; Gaps 0;
Matches 18; Conservative; Mismatches 0; Indels 0; Gaps 0;
QY      1 PTSPRMSVRSAAETMOSA 18
Db      1 PTSPRMSVRSAAETMOSA 18

RESULT 2
US-09-734-002-2
Sequence 2, Application US/09734002
; GENERAL INFORMATION:
; APPLICANT: Motoharu SEIKI et al.
; TITLE OF INVENTION: NOVEL PROTEIN AND MONOClonAL ANTIBODY SPECIFIC THEREO
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wendoroth, Lind & Ponack, L.L.P.
; STREET: 2013 K Street, N.W., Suite 800
; CITY: Washington
; STATE: D.C.
; COUNTY: U.S.A.
; ZIP: 20006

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/734,002
; FILING DATE: 12-Dec-2000
; CLASSIFICATION: <Unknown>
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP96/01956
; FILING DATE: July 12, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee Chen
; REGISTRATION NUMBER: 40,949
; REFERENCE/DOCKET NUMBER: <Unknown>
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-721-9200
; TELEFAX: 202-721-8250
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 607
; TYPE: Amino acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: Protein
; ORIGINAL SOURCE:
; ORGANISM: Human
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
; US-09-734-002-2

Query Match          91.9%; Score 79; DB 9; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e-05; Mismatches 1; Indels 0; Gaps 0;
Matches 16; Conservative; Mismatches 1; Indels 0; Gaps 0;
QY      1 PTSPRMSVRSAAETMOSA 18
Db      1 PTSPRMSVRSAAETMOSA 72

RESULT 4
US-10-176-847-88
; Sequence 88, Application US/10176847
; Publication No. US20030068636A1
; GENERAL INFORMATION:
; APPLICANT: Veby, Peter O.
; TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF BREAK
; TITLE OF INVENTION: AND OVARIAN CANCER
; FILE REFERENCE: WRI-039
; CURRENT APPLICATION NUMBER: US/10/176-847
; CURRENT FILING DATE: 2002-06-21
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 88
; LENGTH: 607
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-176-847-88

Query Match          91.9%; Score 79; DB 14; Length 607;
Best Local Similarity 88.9%; Pred. No. 6.5e-05; Mismatches 1; Indels 0; Gaps 0;
Matches 16; Conservative; Mismatches 1; Indels 0; Gaps 0;
QY      1 PTSPRMSVRSAAETMOSA 18
Db      1 PTSPRMSVRSAAETMOSA 72

RESULT 5
US-10-131-985-47
; Sequence 47, Application US/10131985
; Publication No. US20030199440A1
; GENERAL INFORMATION:
; APPLICANT: Dack, Kevin N
; APPLICANT: Davies, Michael J
; APPLICANT: Fish, Paul V
; APPLICANT: Huggins, Jonathan P
; APPLICANT: McIntosh, Fraser S
; APPLICANT: Occlenton, Nicholas L
; TITLE OF INVENTION: Composition
; FILE REFERENCE: PCS 1031A
; CURRENT APPLICATION NUMBER: US/10/131,985
; CURRENT APPLICATION NUMBER: US/10/131,985

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CURRENT FILING DATE: 2002-04-25
; PRIORITY APPLICATION NUMBER: US/09/726,295
; PRIORITY FILING DATE: 2000-11-30
; PRIORITY APPLICATION NUMBER: GB 9930768.8
; PRIORITY FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 47
; LENGTH: 607
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-111-985-47

Query Match 91.9%; Score 79; DB 14; Length 607;
; Best Local Similarity 88.9%; Pred. No. 6.5e+05; 1; Mismatches 1; Indels 0; Gaps 0;
; Publication 3850; Application US/09738626
; Sequence 3850; Application US/09738626
; General Information:
; APPLICANT: NAKAGAWA, SATOSHI
; APPLICANT: MIZOGUCHI, HIRAKI
; APPLICANT: ANDO, SEIICHI
; APPLICANT: HAYASHI, MIKURO
; APPLICANT: OCHIAI, KEIKO
; APPLICANT: YOKOI, HARUHICO
; APPLICANT: TATEISHI, NAOKO
; APPLICANT: SENKO, AKIHIRO
; APPLICANT: IKEDA, MASATO
; APPLICANT: OZAKI, ARIKO
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
; FILE REFERENCE: 241-125
; CURRENT APPLICATION NUMBER: US/09/738,626
; CURRENT FILING DATE: 2000-12-18
; PRIORITY APPLICATION NUMBER: JP 99/377484
; PRIORITY FILING DATE: 1999-12-15
; PRIORITY APPLICATION NUMBER: JP 00/159162
; PRIORITY FILING DATE: 2000-04-07
; PRIORITY APPLICATION NUMBER: JP 00/280988
; PRIORITY FILING DATE: 2000-08-03
; NUMBER OF SEQ ID NOS: 7059
; SOFTWARE: PatentIn ver. 3.0
; SEQ ID NO: 3650
; LENGTH: 355
; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
; US-09-738-626-3650

Query Match 51.2%; Score 44; DB 9; Length 355;
; Best Local Similarity 60.0%; Pred. No. 28; 3; Mismatches 3; Indels 0; Gaps 0;
; Publication 9; General Information:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinke, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.

RESULT 6
; US-09-738-626-3650

Query Match 91.9%; Score 79; DB 14; Length 607;
; Best Local Similarity 88.9%; Pred. No. 6.5e+05; 1; Mismatches 1; Indels 0; Gaps 0;
; Publication 3850; Application US/09738626
; Sequence 3850; Application US/09738626
; General Information:
; APPLICANT: NAKAGAWA, SATOSHI
; APPLICANT: MIZOGUCHI, HIRAKI
; APPLICANT: ANDO, SEIICHI
; APPLICANT: HAYASHI, MIKURO
; APPLICANT: OCHIAI, KEIKO
; APPLICANT: YOKOI, HARUHICO
; APPLICANT: TATEISHI, NAOKO
; APPLICANT: SENKO, AKIHIRO
; APPLICANT: IKEDA, MASATO
; APPLICANT: OZAKI, ARIKO
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
; FILE REFERENCE: 241-125
; CURRENT APPLICATION NUMBER: US/09/738,626
; CURRENT FILING DATE: 2000-12-18
; PRIORITY APPLICATION NUMBER: JP 99/377484
; PRIORITY FILING DATE: 1999-12-15
; PRIORITY APPLICATION NUMBER: JP 00/159162
; PRIORITY FILING DATE: 2000-04-07
; PRIORITY APPLICATION NUMBER: JP 00/280988
; PRIORITY FILING DATE: 2000-08-03
; NUMBER OF SEQ ID NOS: 7059
; SOFTWARE: PatentIn ver. 3.0
; SEQ ID NO: 3650
; LENGTH: 355
; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
; US-09-738-626-3650

RESULT 6
; US-10-108-605-29

Query Match 48.8%; Score 42; DB 13; Length 1404;
; Best Local Similarity 60.0%; Pred. No. 2.8e+02; 5; Mismatches 5; Indels 0; Gaps 0;
; Publication 9; General Information:
; APPLICANT: Bachmann, Jane
; APPLICANT: Kamdar, Kim
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES FROM DROSOPHILA MELANOGASTER THAT ENCODE PROTEINS ESSENTIAL FOR LARVAL VIABILITY AND USES THEREOF
; FILE REFERENCE: 31133B
; CURRENT APPLICATION NUMBER: US/10/108,605
; CURRENT FILING DATE: 2002-03-27
; PRIORITY APPLICATION NUMBER: US 09/761,142
; PRIORITY FILING DATE: 2001-01-16
; PRIORITY APPLICATION NUMBER: US 60/176,418
; PRIORITY FILING DATE: 2000-01-14
; NUMBER OF SEQ ID NOS: 361
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 29
; LENGTH: 1404
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
; US-10-108-605-29

RESULT 9
; US-09-664-408A-6016

Query Match 48.8%; Score 42; DB 13; Length 1404;
; Best Local Similarity 60.0%; Pred. No. 2.8e+02; 5; Mismatches 5; Indels 0; Gaps 0;
; Publication 9; General Information:
; APPLICANT: Leach, Martin D.
; APPLICANT: Shmlets, Richard A.
; TITLE OF INVENTION: No. US2004009474A1 Human Polynucleotides and Polypeptides
; FILE REFERENCE: 21402-012
; CURRENT APPLICATION NUMBER: US/09/864,408A

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; CURRENT FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: 60/206,690
; PRIOR FILING DATE: 2000-05-24
; NUMBER OF SEQ ID NOS: 9068.
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 6016
; LENGTH: 73
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-864-408A-6016

; Query Match 47.7%; Score 41; DB 11; Length 73;
; Best Local Similarity 57.1%; Pred. No. 16; 4; Mismatches 0; Gaps 0;
; Matches 8; Conservative 2; Indels 0; Gaps 0;

Qy 1 PTSPPMSVSAET 14
Dy 47 PTPGRMVAVKTAHT 60

RESULT 10
US-10-091-438-130
Sequence 130, Application US/10091438
Publication No. US20030077606A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: P721C1
CURRENT APPLICATION NUMBER: US10/091,438
CURRENT FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 09/164,879
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 60/179,055
PRIOR FILING DATE: 2000-01-31
PRIOR APPLICATION NUMBER: 60/180,628
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: 60/214,886
PRIOR FILING DATE: 2000-02-28
PRIOR APPLICATION NUMBER: 60/217,487
PRIOR FILING DATE: 2000-03-11
PRIOR APPLICATION NUMBER: 60/225,758
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/220,963
PRIOR FILING DATE: 2000-01-26
PRIOR APPLICATION NUMBER: 60/217,496
PRIOR FILING DATE: 2000-01-11
PRIOR APPLICATION NUMBER: 60/225,758
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/218,290
PRIOR FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: 60/225,757
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/225,868
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 60/216,647
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 60/225,267
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/216,880
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 60/225,270
PRIOR FILING DATE: 2000-08-4
PRIOR APPLICATION NUMBER: 60/251,869
PRIOR FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: 60/235,834
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: 60/234,274
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: 60/234,223
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: 60/228,924
PRIOR FILING DATE: 2000-08-30
PRIOR APPLICATION NUMBER: 60/224,518

; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,359
; PRIOR FILING DATE: 2000-08-29
; PRIOR APPLICATION NUMBER: 60/224,519
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,954
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: 60/241,809
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/244,617
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/236,327
; PRIOR FILING DATE: 2000-08-29
; PRIOR APPLICATION NUMBER: 60/241,785
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/244,617
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 60/225,856
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,368
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/251,856
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/229,344
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/234,997
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: 60/229,343
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,344
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/234,997
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: 60/229,513
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/229,513
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/231,413
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/229,509
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,567
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/237,039
; PRIOR FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: 60/237,038
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/236,367
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/236,882
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,037
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/236,370
; PRIOR FILING DATE: 2000-09-29
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; PRIOR FILING DATE: 2000-10-02
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; PRIOR APPLICATION NUMBER: 60/237,040
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/240,960
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/239,935
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/239,937
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/241,787
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/246,474
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/246,532
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/249,216
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,210
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/226,681
; PRIOR FILING DATE: 2000-08-22

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PRIOR APPLICATION NUMBER: 60/225, 759
 PRIOR FILING DATE: 2000-08-14
 PRIOR APPLICATION NUMBER: 60/225, 213
 PRIOR FILING DATE: 2000-08-14
 PRIOR APPLICATION NUMBER: 60/227, 182
 PRIOR FILING DATE: 2000-08-22
 PRIOR APPLICATION NUMBER: 60/225, 214
 PRIOR FILING DATE: 2000-08-14
 PRIOR APPLICATION NUMBER: 60/235, 836
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: 60/230, 438
 PRIOR FILING DATE: 2000-09-06
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: 60/225, 266
 PRIOR FILING DATE: 2000-08-14
 PRIOR APPLICATION NUMBER: 60/215, 135
 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/249, 218
 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/249, 208
 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/249, 213
 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/249, 212
 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/249, 207
 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/249, 245
 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/249, 244
 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/249, 217
 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/249, 211
 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/249, 215
 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/249, 264
 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/249, 214
 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/249, 297
 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/232, 400
 PRIOR FILING DATE: 2000-09-14
 PRIOR APPLICATION NUMBER: 60/231, 242
 PRIOR FILING DATE: 2000-11-08
 PRIOR APPLICATION NUMBER: 60/232, 081
 PRIOR FILING DATE: 2000-09-08
 PRIOR APPLICATION NUMBER: 60/232, 080
 PRIOR FILING DATE: 2000-09-08
 PRIOR APPLICATION NUMBER: 60/231, 414
 PRIOR FILING DATE: 2000-09-08
 PRIOR APPLICATION NUMBER: 60/231, 244
 PRIOR FILING DATE: 2000-09-08
 PRIOR APPLICATION NUMBER: 60/233, 064
 PRIOR FILING DATE: 2000-09-14
 PRIOR APPLICATION NUMBER: 60/233, 063
 PRIOR FILING DATE: 2000-09-14
 PRIOR APPLICATION NUMBER: 60/232, 397
 PRIOR FILING DATE: 2000-09-14
 PRIOR APPLICATION NUMBER: 60/232, 399
 PRIOR FILING DATE: 2000-09-14
 PRIOR APPLICATION NUMBER: 60/232, 401
 PRIOR FILING DATE: 2000-09-14
 PRIOR APPLICATION NUMBER: 60/241, 808
 PRIOR FILING DATE: 2000-11-20
 PRIOR FILING DATE: 2000-10-20
 PRIOR APPLICATION NUMBER: 60/241, 786
 PRIOR FILING DATE: 2000-11-20
 PRIOR APPLICATION NUMBER: 60/241, 221
 PRIOR FILING DATE: 2000-11-20
 PRIOR APPLICATION NUMBER: 60/246, 475

RESULT 11
 US-09-864-761-34566
 Sequence 34566, Application US/09864761
 ;
 ; GENERAL INFORMATION:
 ; Patent No. US20020048763A1
 ;
 ; APPLICANT: Penn, Sharon G.
 ; APPLICANT: Rank, David R.
 ; APPLICANT: Hanzel, David K.
 ; APPLICANT: Chiu, Wensheng
 ;
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 ; FILE REFERENCE: Reomic-a-X-1
 ; CURRENT APPLICATION NUMBER: US/09/864,761
 ; CURRENT FILING DATE: 2001-05-23
 ;
 ; PRIOR APPLICATION NUMBER: US 60/180,312
 ; PRIOR FILING DATE: 2000-02-04
 ;
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-03-26
 ;
 ; PRIOR APPLICATION NUMBER: US 09/632,366
 ; PRIOR FILING DATE: 2000-08-03
 ;
 ; PRIOR APPLICATION NUMBER: GB 24263, 6
 ; PRIOR FILING DATE: 2000-10-04
 ;
 ; PRIOR APPLICATION NUMBER: US 60/235,359
 ; PRIOR FILING DATE: 2000-09-27
 ;
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ;
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ;
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ;
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ;
 ; PRIOR APPLICATION NUMBER: PCT/US01/00662
 ; PRIOR FILING DATE: 2001-01-30
 ;
 ; PRIOR APPLICATION NUMBER: PCT/US01/00661
 ; PRIOR FILING DATE: 2001-01-30
 ;
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670
 ; PRIOR FILING DATE: 2001-01-30
 ;
 ; PRIOR APPLICATION NUMBER: US 60/234,687
 ; PRIOR FILING DATE: 2000-09-21
 ;
 ; PRIOR APPLICATION NUMBER: US 09/608,408
 ; PRIOR FILING DATE: 2000-06-30
 ;
 ; PRIOR APPLICATION NUMBER: US 09/774,203
 ; PRIOR FILING DATE: 2001-01-29
 ; NUMBER OF SEQ ID NOS: 49117
 ;
 ; SOFTWARE: Amnonax Sequence Listing Engine vers. 1.1
 ;
 ; SEQ ID NO 34565
 ; LENGTH: 54
 ;
 ; TYPE: PRT
 ;
 ; ORGANISM: Homo sapiens
 ;
 ; FEATURE:
 ; OTHER INFORMATION: MAP TO AC004689.5
 ; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 3.3
 ; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 4.2

OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.8
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2
 OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 6.4
 OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 2.5
 OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2.5
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2.4
 OTHER INFORMATION: EXPRESSED IN HEL100, SIGNAL = 2.4
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.30e+00
 US-09-864-761-34566

Query Match 46 5%; Score 40; DB 9; Length 54;
 Best Local Similarity 44 4%; Pred. No. 17;
 Matches 8; Conservative 4; Mismatches 6; Indels 0; Gaps 0;
 Qy 1 PTSPRNVSVTAETMQSA 18
 Db 14 PSSPRITSTRSSSSSSA 31

RESULT 12
 US-10-052-586-570
 Publication No. US2002012584A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Chen, Jian
 APPLICANT: DeNooyer, Luc
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Pan, James
 APPLICANT: Smith, Victoria
 APPLICANT: Watatabe, Colin K.
 APPLICANT: Wood, William T.
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P3430R1C1
 CURRENT APPLICATION NUMBER: US/10/052,586
 CURRENT FILING DATE: 2002-01-15
 PRIOR APPLICATION NUMBER: 60/059263
 PRIOR FILING DATE: 1997-09-18
 PRIOR APPLICATION NUMBER: 60/059266
 PRIOR FILING DATE: 1997-03-18
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/063120
 PRIOR FILING DATE: 1997-10-24
 PRIOR APPLICATION NUMBER: 60/063121
 PRIOR FILING DATE: 1997-10-24
 PRIOR APPLICATION NUMBER: 60/063486
 PRIOR FILING DATE: 1997-10-21
 PRIOR APPLICATION NUMBER: 60/063540
 PRIOR FILING DATE: 1997-10-28
 PRIOR APPLICATION NUMBER: 60/063541
 PRIOR FILING DATE: 1997-10-28
 PRIOR APPLICATION NUMBER: 60/063544
 PRIOR FILING DATE: 1997-10-28
 PRIOR APPLICATION NUMBER: 60/063564
 PRIOR FILING DATE: 1997-10-28
 PRIOR APPLICATION NUMBER: 60/063734
 PRIOR FILING DATE: 1997-10-29
 PRIOR APPLICATION NUMBER: 60/063870
 PRIOR FILING DATE: 1997-10-31
 PRIOR APPLICATION NUMBER: 60/064103
 PRIOR FILING DATE: 1997-10-31
 PRIOR APPLICATION NUMBER: 60/065311
 PRIOR FILING DATE: 1997-11-13
 PRIOR APPLICATION NUMBER: 60/066120
 PRIOR FILING DATE: 1997-11-21
 PRIOR APPLICATION NUMBER: 60/066466
 PRIOR FILING DATE: 1997-11-24

PRIOR APPLICATION NUMBER: 60/065772
 PRIOR FILING DATE: 1997-11-24
 PRIOR APPLICATION NUMBER: 60/069335
 PRIOR FILING DATE: 1997-12-11
 PRIOR APPLICATION NUMBER: 60/069425
 PRIOR FILING DATE: 1997-12-12
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 PRIOR FILING DATE: 1997-12-17
 PRIOR APPLICATION NUMBER: 60/068017
 PRIOR FILING DATE: 1997-12-18
 PRIOR APPLICATION NUMBER: 60/077450
 PRIOR FILING DATE: 1998-03-10
 PRIOR APPLICATION NUMBER: 60/077632
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077649
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/078886
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/078939
 PRIOR FILING DATE: 1998-03-27
 PRIOR APPLICATION NUMBER: 60/079664
 PRIOR APPLICATION NUMBER: 60/079786
 PRIOR FILING DATE: 1998-03-27
 PRIOR APPLICATION NUMBER: 60/080107
 PRIOR FILING DATE: 1998-03-31
 PRIOR APPLICATION NUMBER: 60/080194
 PRIOR FILING DATE: 1998-03-31
 PRIOR APPLICATION NUMBER: 60/080327
 PRIOR FILING DATE: 1998-04-01
 PRIOR APPLICATION NUMBER: 60/080333
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 PRIOR FILING DATE: 1998-04-09
 PRIOR APPLICATION NUMBER: 60/082838
 PRIOR FILING DATE: 1998-04-15
 PRIOR APPLICATION NUMBER: 60/082568
 PRIOR FILING DATE: 1998-04-21
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 PRIOR FILING DATE: 1998-04-22
 PRIOR APPLICATION NUMBER: 60/083322
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 PRIOR FILING DATE: 1998-04-29
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 PRIOR FILING DATE: 1998-05-05
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 PRIOR FILING DATE: 1998-05-06
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 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084640
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 PRIOR APPLICATION NUMBER: 60/085573
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085579
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085580

PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/089582
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085700
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/086023
 PRIOR FILING DATE: 1998-05-18
 PRIOR APPLICATION NUMBER: 60/086392
 PRIOR FILING DATE: 1998-05-22
 PRIOR APPLICATION NUMBER: 60/086486
 PRIOR FILING DATE: 1998-05-22
 PRIOR APPLICATION NUMBER: 60/087098
 PRIOR FILING DATE: 1998-05-28
 PRIOR APPLICATION NUMBER: 60/087208
 PRIOR FILING DATE: 1998-05-28
 PRIOR APPLICATION NUMBER: 60/087609
 PRIOR APPLICATION NUMBER: 60/087759
 PRIOR FILING DATE: 1998-06-02
 PRIOR APPLICATION NUMBER: 60/087827
 PRIOR FILING DATE: 1998-06-03
 PRIOR APPLICATION NUMBER: 60/088025
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088028
 PRIOR APPLICATION NUMBER: 60/088029
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088033
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088167
 PRIOR FILING DATE: 1998-06-05
 PRIOR APPLICATION NUMBER: 50/088202
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 PRIOR FILING DATE: 1998-06-05
 PRIOR APPLICATION NUMBER: 60/088217
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 PRIOR APPLICATION NUMBER: 60/088326
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088655
 PRIOR APPLICATION NUMBER: 60/088722
 PRIOR FILING DATE: 1998-06-10
 PRIOR APPLICATION NUMBER: 60/088738
 PRIOR FILING DATE: 1998-06-10
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 PRIOR APPLICATION NUMBER: 60/088826
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 PRIOR FILING DATE: 1998-06-12
 PRIOR APPLICATION NUMBER: 60/089512
 PRIOR FILING DATE: 1998-06-15
 PRIOR APPLICATION NUMBER: 60/089514
 PRIOR FILING DATE: 1998-06-16
 PRIOR APPLICATION NUMBER: 60/089538
 PRIOR FILING DATE: 1998-06-17
 PRIOR APPLICATION NUMBER: 60/089598
 PRIOR FILING DATE: 1998-06-17

QY : 1 PTSRSPRSVRSALTEHNSA 18
 Db : 128 PLAKPTKAVTRETQTMWKA 145

RESULT 13
 US-10-174-590-570
 ; Sequence 570, Application US/10174590
 ; Publication No. US2003008352A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Chen, Jian
 ; APPLICANT: Destroyers, Luc
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Pan, James
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEARIC ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P2430R1C42
 ; CURRENT APPLICATION NUMBER: US/10/174, 590
 ; CURRENT FILING DATE: 2002-06-18
 ; Prior application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 612
 ; SEQ ID NO: 570
 ; LENGTH: 425
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-174-590-570

RESULT 14
 US-10-176-758-570
 ; Sequence 570, Application US/10176758
 ; Publication No. US2003008353A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Chen, Jian
 ; APPLICANT: Destroyers, Luc
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Pan, James
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEARIC ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P2430R1C104
 ; CURRENT APPLICATION NUMBER: US/10/176, 758
 ; CURRENT FILING DATE: 2002-06-21
 ; Prior Application removed - See File Wrapper or Palm

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; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 570
; LENGTH: 425
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-176-758-570

RESULT 15
US-10-175-737-570
; Sequence 570, Application US/10175737
; Publication No. US2003001153A1
GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Destroyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William T.
; APPLICANT: Zhang, Zenin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3430R1C50
CURRENT APPLICATION NUMBER: US10/175,737
CURRENT FILING DATE: 2003-06-19
; Prior application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 570
; LENGTH: 425
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-175-737-570

Query Match 46.5%; Score 40; DB 14; Length 425;
Best Local Similarity 38.9%; Pred. No. 1.6e+02; Gaps 0;
Matches 7; Conservative 4; Mismatches 7; Indels 0;
; QY 1 PTSPRSMVVRSAETMQSA 18
; Ds 128 PLAPKATVRETQTMKA 145

Search completed: March 15, 2004, 12:58:13
Job time : 30.6 secs

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OM protein - protein search, using sw model

Run on: March 15, 2004, 12:49:00 ; Search time 15.9 Seconds

Perfect score: 86

Title: US-09-734-002-7

Sequence: 1 PTSPRSVWVSAETMOSA 18

Scoring table: BLOSUM62

Gapc 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Listing first 45 summaries

Maximum Match 100%
 Database : Issued Patents MA:/*5A_COMB.pep:/*
 1: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:/*
 2: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:/*
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 4: /cgn2_6/ptodata/2/iaa/PCITUS_COMB.pep:/*
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 6: /cgn2_6/ptodata/2/iaa/backTitles1.pep:/*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	86	100.0	18	3 US-09-000-041A-7
2	86	100.0	604	4 US-09-391-104-3
3	79	91.9	607	3 US-09-000-041A-2
4	79	91.9	607	3 US-09-211-704A-10
5	43	50.0	360	4 US-09-489-039A-9058
6	42	48.8	681	4 US-09-252-991A-24159
7	40	46.5	158	4 US-09-252-991A-24177
8	40	46.5	734	2 US-09-389-459A-17
9	40	46.5	734	3 US-08-977-867A-10
10	39	45.3	135	4 US-09-732-210-410
11	39	45.3	388	4 US-09-963-137-186
12	39	45.3	389	3 US-09-307-621-2
13	39	45.3	562	4 US-09-252-991A-20178
14	38	44.2	251	4 US-09-252-991A-28124
15	38	44.2	276	4 US-09-252-991A-21939
16	42	45.7	1	US-08-416-478A-8
17	38	44.2	457	2 US-08-474-988B-8
18	38	44.2	457	2 US-08-394-442B-8
19	38	44.2	485	4 US-09-252-991A-33088
20	38	44.2	1601	4 US-09-345-471-40
21	37.5	43.6	102	4 US-09-621-876-1618
22	37	43.0	513	4 US-09-595-857B-30
23	37	43.0	132	4 US-09-716-129-57
24	37	43.0	141	2 US-09-252-991A-26722
25	37	43.0	168	2 US-08-598-873-3
26	37	43.0	168	3 US-08-605-930-3
27	37	43.0	230	4 US-09-252-991A-330298

Minimum Match 0%

List first 45 summaries

ALIGNMENTS

RESULT 1
 US-09-000-041A-7
 / Sequence 7, Application US/09000041A
 Patent No. 619255
 GENERAL INFORMATION:
 APPLICANT: Motoharu SEIKI et al.
 TITLE OF INVENTION: NOVEL PROTEIN AND MONOCLONAL ANTIBODY SPECIFIC THERETO
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Wenderoth, Lind & Ponack, L.L.P.
 STREET: 2033 K Street, N.W., Suite 800
 CITY: Washington
 STATE: D.C.
 COUNTRY: U.S.A.
 ZIP: 20006
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: Wordperfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/000,041A
 FILING DATE: January 13, 1998
 CLASSIFICATION: 536
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: PCT/JP96/01956
 FILING DATE: July 12, 1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Lee Cheng
 REFERENCE/DOCKET NUMBER:
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-721-8200
 TELEFAX: 202-721-8250
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18
 TYPE: Amino acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 MOLECULE TYPE: Peptide
 / US-09-000-041A-7

Query Match Score 100.0%; DB 3; Length 18;
 Best Local Similarity 100.0%; Pred. No. 1.7e-08;
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PTSPRSVWVSAETMOSA 18
 ||||| ||||| ||||| |||||

1 PTSPRMSVRSQSAETMQSA 18

RESULT 2

US-09-311-104-30

; Sequence 30, Application US/09391104

; Patent No. 6393371

; GENERAL INFORMATION:

; APPLICANT: Abbott Laboratories

; APPLICANT: Falduo, Michael T.

; APPLICANT: Magnuson, Scott R.

; APPLICANT: Morgan, Douglas W.

; TITLE OF INVENTION: HUMAN MATRIX METALLOPROTEASE GENE, TITLE OF INVENTION: PROTEINS ENCODED THEREFROM AND METHODS TITLE OF INVENTION: OF USING SAME

FILE REFERENCE: 6073.US.P1

CURRENT APPLICATION NUMBER: US/09/391-104

CURRENT FILING DATE: 1999-03-07

PRIOR APPLICATION NUMBER: US 08/814,394

PRIOR FILING DATE: 1997-03-11

NUMBER OF SEQ ID NOS: 35

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 30

LENGTH: 604

TYPE: PRT

ORGANISM: Homo sapiens

US-09-391-104-30

Query Match 100.0%; Score 86; DB 4; Length 604; Best Local Similarity 100.0%; Pred. No. 9.5e-07; Mismatches 0; Indels 0; Gaps 0;

Qy 1 PTSPRMSVRSQSAETMQSA 18

Db 55 PTDPMSVRSQSAETMQSA 72

RESULT 3

US-09-000-041A-2

; Sequence 2, Application US/09000041A

Patent No. 6191255

GENERAL INFORMATION:

APPLICANT: Matcharu SEKII et al.

TITLE OF INVENTION: NOVEL PROTEIN AND MONOClonAL ANTIBODY SPECIFIC THERETO

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADRESSEE: Wenderoth, Lind & Ponack, L.L.P.

STREET: 2033 K Street, N.W., Suite 800

CITY: Washington

STATE: D.C.

COUNTRY: U.S.A.

ZIP: 20006

COMPUTER READABLE FORM:

MEDIUM TYPE: Disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, version #1.30

CURRENT APPLICATION DATA:

PRIOR APPLICATION NUMBER: US/09/211-704A

FILING DATE: 09 JAN-1998

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 09/005,263

FILING DATE: 09 JAN-1998

ATTORNEY/AGENT INFORMATION:

NAME: Ching, Edwin P.

REGISTRATION NUMBER: 34,090

REFERRED DOCKET NUMBER: SF0781K

TELECOMMUNICATION INFORMATION:

TELEPHONE: (650)852-9156

TELEFAX: (650)951-1200

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 607 amino acids

STRANDEDNESS: not relevant

TOPOLOGY: linear

MOLECULE TYPE: Peptide

US-09-211-704A-10

Query Match 91.9%; Score 79; DB 3; Length 607; Best Local Similarity 88.9%; Pred. No. 1.5e-05; Mismatches 1; Indels 0; Gaps 0;

Qy 1 PTSPRMSVRSQSAETMQSA 18

Db 55 PTDPMSVRSQSAETMQSA 72

SEQUENCE CHARACTERISTICS:

LENGTH: 607

TYPE: Amino acid

STRANDEDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Protein

ORIGINAL SOURCE:

ORGANISM: Human

US-09-000-041A-2

Query Match 91.9%; Score 79; DB 3; Length 607; Best Local Similarity 88.9%; Pred. No. 1.5e-05; Mismatches 1; Indels 0; Gaps 0;

Qy 1 PTSPRMSVRSQSAETMQSA 18

Db 55 PTDPMSVRSQSAETMQSA 72

RESULT 4

US-09-211-704A-10

Sequence 10, Application US/09211-704A

Patent No. 6271014

GENERAL INFORMATION:

APPLICANT: de Saint-Vincent, Blandine Marie

APPLICANT: Fossiez, Francis

APPLICANT: Caux, Christophe

APPLICANT: Lebecque, Serge J. B.

TITLE OF INVENTION: Mammalian Proteinases, Related Reagents

TITLE OF INVENTION: and Methods

NUMBER OF SEQUENCES: 10

CORRESPONDENCE ADDRESS:

ADDRESSEE: DNX Research Institute

STREET: 901 California Avenue

CITY: Palo Alto

STATE: California

COUNTRY: USA

ZIP: 94304-1104

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, version #1.30

CURRENT APPLICATION DATA:

PRIOR APPLICATION NUMBER: US/09/211-704A

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 09/005,263

FILING DATE: 09 JAN-1998

ATTORNEY/AGENT INFORMATION:

NAME: Ching, Edwin P.

REGISTRATION NUMBER: 34,090

REFERRED DOCKET NUMBER: SF0781K

TELECOMMUNICATION INFORMATION:

TELEPHONE: (650)852-9156

TELEFAX: (650)951-1200

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 607 amino acids

STRANDEDNESS: not relevant

TOPOLOGY: linear

MOLECULE TYPE: Peptide

US-09-211-704A-10

Query Match 91.9%; Score 79; DB 3; Length 607; Best Local Similarity 88.9%; Pred. No. 1.5e-05; Mismatches 1; Indels 0; Gaps 0;

Qy 1 PTSPRMSVRSQSAETMQSA 18

Db 55 PTDPMSVRSQSAETMQSA 72

INFORMATION FOR SEQ ID NO: 2:

PRIOR APPLICATION NUMBER: US 60/074,788
 PRIOR FILING DATE: 1998-02-18
 PRIOR APPLICATION NUMBER: US 60/094,190
 PRIOR FILING DATE: 1998-07-27
 NUMBER OF SEQ ID NOS: 33142
 SEQ ID NO 24177
 LENGTH: 158
 TYPE: PRT
 ORGANISM: *Pseudomonas aeruginosa*
 US-09-252-991A-24177
 Query Match 46.5%; Score 40; DB 4; Length 158;
 Best Local Similarity 44.4%; Pred. No. 17; Mismatches 5; Indels 0; Gaps 0;
 Matches 8; Conservative 5; Mismatches 5; Indels 0; Gaps 0;
 Qy 1 PTSRPMVSURSAETMOSA 18
 Db 16 PTAPRUVVSKSPARLRS 33

RESULT 6 US-09-252-991A-24159
 Query Match 50.0%; Score 43; DB 4; Length 360;
 Best Local Similarity 52.9%; Pred. No. 13; Mismatches 6; Indels 0; Gaps 0;
 Matches 9; Conservative 2; Mismatches 6; Indels 0; Gaps 0;
 Qy 1 PTSRPMVSURSAETMOSA 17
 Db 189 PPAPALRAVAVASAETMOS 205

GENERAL INFORMATION:
 APPLICANT: Marc J. Rubenfield et al.
 TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

GENERAL INFORMATION:
 APPLICANT: Marc J. Rubenfield et al.
 TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

FILE REFERENCE: 107196.136

CURRENT FILING DATE: 1999-02-18
 PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR FILING DATE: 1998-02-18
 PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR FILING DATE: 1998-07-27
 NUMBER OF SEQ ID NOS: 33142
 SEQ ID NO 24159
 LENGTH: 681
 TYPE: PRT
 ORGANISM: *Pseudomonas aeruginosa*
 US-09-252-991A-24159

Query Match 48.8%; Score 42; DB 4; Length 681;
 Best Local Similarity 81.8%; Pred. No. 40; Mismatches 2; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 PTSRPMVSURSAETMOSA 11
 Db 446 PTSRPMVSURSAETMOS 456

RESULT 7 US-09-252-991A-24177
 Query Match 46.5%; Score 40; DB 2; Length 734;
 Best Local Similarity 50.0%; Pred. No. 96; Mismatches 4; Indels 0; Gaps 0;
 Matches 8; Conservative 8; Mismatches 4; Indels 0; Gaps 0;

GENERAL INFORMATION:
 APPLICANT: Marc J. Rubenfield et al.
 TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

FILE REFERENCE: 107196.136

CURRENT FILING DATE: 1999-02-18
 PRIOR APPLICATION NUMBER: US 60/094,039A
 SEQ ID NO. 6610336
 LENGTH: 158
 TYPE: PRT
 ORGANISM: *Klebsiella pneumoniae*
 US-09-489-039A-9068

GENERAL INFORMATION:
 APPLICANT: Gary Breton et. al.
 TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA

FILE REFERENCE: 2709-200401
 CURRENT APPLICATION NUMBER: US/09/489,039A
 CURRENT FILING DATE: 2000-01-27
 PRIOR APPLICATION NUMBER: US 60/117,747

PRIOR FILING DATE: 1999-01-29
 NUMBER OF SEQ ID NOS: 14342
 SEQ ID NO 9068
 LENGTH: 360
 TYPE: PRT
 ORGANISM: *Klebsiella pneumoniae*
 US-09-489-039A-9068

RESULT 8 US-09-389-459A-17
 Query Match 46.5%; Score 40; DB 4; Length 158;
 Best Local Similarity 44.4%; Pred. No. 17; Mismatches 5; Indels 0; Gaps 0;
 Matches 8; Conservative 5; Mismatches 5; Indels 0; Gaps 0;
 Qy 1 PTSRPMVSURSAETMOSA 18
 Db 16 PTAPRUVVSKSPARLRS 33

GENERAL INFORMATION:
 APPLICANT: Morrow, Casey D. and Porter, Donna, C.
 TITLE OF INVENTION: ENCAPSIDATED RECOMBINANT POLIOVIRUS
 TITLE OF INVENTION: NUCLEAR ACID AND METHODS OF MAKING AND
 NUMBER OF SEQUENCES: 23
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: LAHTIVE & COCKFIELD
 STREET: 60 STATE STREET, SUITE 510
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 COMPUTER SYSTEM: PC-DOS/MS-DOS
 OPERATING SYSTEM: ASCII
 SOFTWARE: ASCII
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/389,459A
 FILING DATE: 15-FEB-1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/087,009
 FILING DATE: 01-JUL-1993
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Silveri, Jean M.
 REGISTRATION NUMBER: 39,030
 REFERENCE DOCKET NUMBER: URG-004CP
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 227-7400
 TELEFAX: (617) 227-5941
 INFORMATION FOR SEQ ID NO: 17:
 INFORMATION FOR SEQ ID NO: 17:
 SUBSTANCE CHARACTERISTICS:
 LENGTH: 734 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-389-459A-17

RESULT 9 ; SEQ ID NO 410
 US-09-987-867A-17 ; LENGTH: 135
 ; Sequence 17, Application US/08987867A
 ;
 GENERAL INFORMATION: ; TYPE: PRT
 ;
 APPLICANT: C. Morrow et al.
 ; TITLE OF INVENTION: ENCAPSULATED RECOMBINANT VIRAL
 ; TITLE OF INVENTION: NUCLEIC ACID AND METHODS OF MAKING AND
 ; TITLE OF INVENTION: USING SAME
 ; NUMBER OF SEQNCES: 23
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSE: LAHIVE & COCKFIELD
 ; STREET: 28 STATE STREET
 ; CITY: BOSTON
 ; STATE: MASSACHUSETTS
 ; COUNTRY: USA
 ; ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: ASCII
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/987,867A
 FILING DATE: 09-DEC-1997
 CLASSIFICATION: 424
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/087,009
 FILING DATE: 01-JUL-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Myers, Louis
 REGISTRATION NUMBER:
 REFERENCE/DOCKET NUMBER: 35, 965
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 227-7400
 TELEFAX: (617) 742-4214
 INFORMATION FOR SEQ ID NO: 17:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 734 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-987-867A-17

RESULT 11 ; SEQ ID NO 410
 US 09-963-137-186 ; LENGTH: 135
 ; Sequence 186, Application US/09963137
 ;
 GENERAL INFORMATION: ; TYPE: PRT
 ;
 APPLICANT: Peersen, Finn S
 ; APPLICANT: Sorensen, Amnette B
 ; APPLICANT: Hernandez, Javier Martin
 ; APPLICANT: Nielsen, Anne A
 ; APPLICANT: Møller, Helie
 ; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR LYMPHOMA AND LEUKEMIA
 ; FILE REFERENCE: A-70981-RMS/DCP
 ; CURRENT APPLICATION NUMBER: US/09/963,137
 ;
 CURRENT FILING DATE: 2001-09-24
 ;
 PRIORITY APPLICATION NUMBER: US 09/668,644
 ;
 PRIORITY FILING DATE: 2000-09-22
 ;
 PRIORITY APPLICATION NUMBER: US 09/905,390
 ;
 PRIORITY FILING DATE: 2001-07-13
 ;
 PRIORITY APPLICATION NUMBER: US 09/905,491
 ;
 PRIORITY FILING DATE: 2001-07-13
 ;
 PRIORITY APPLICATION NUMBER: US 09/962,929
 ;
 PRIORITY FILING DATE: 2001-09-24
 ;
 PRIORITY APPLICATION NUMBER: US 09/962,854
 ;
 PRIORITY FILING DATE: 2001-09-24
 ;
 PRIORITY APPLICATION NUMBER: US 09/962,916
 ;
 PRIORITY FILING DATE: 2001-09-24
 ;
 PRIORITY APPLICATION NUMBER: US 09/962,855
 ;
 PRIORITY FILING DATE: 2001-09-24
 ;
 NUMBER OF SEQ ID NOS: 215
 ;
 SOFTWARE: PatentIn Version 3.1
 ;
 SEQ ID NO 186
 ;
 LENGTH: 388
 ;
 TYPE: PRT
 ;
 ORGANISM: Homo sapiens
 US-09-963-137-186

RESULT 10 ; SEQ ID NO 410
 US-09-732-210-410 ; LENGTH: 135
 ; Sequence 410, Application US/09732210
 ;
 GENERAL INFORMATION: ; TYPE: PRT
 ;
 APPLICANT: Bunkers, Greg J.
 ; APPLICANT: Liang, Jihong
 ; APPLICANT: Mittanck, Cindy A.
 ; APPLICANT: Seale, Jeffrey W.
 ; APPLICANT: Wu, Yanni S.
 ; TITLE OF INVENTION: Anti-fungal Proteins and Methods for Their Use
 ; FILE REFERENCE: 38-21(15036)B
 ; CURRENT APPLICATION NUMBER: US/09/732,210
 ; CURRENT FILING DATE: 2000-12-07
 ;
 PRIORITY APPLICATION NUMBER: US 60/169,513
 ;
 PRIORITY FILING DATE: 1999-12-07
 ;
 PRIORITY APPLICATION NUMBER: US 60/169,340
 ;
 PRIORITY FILING DATE: 1999-12-07
 ;
 NUMBER OF SEQ ID NOS: 1753

RESULT 12 ; SEQ ID NO 410
 US-09-307-621-2 ; LENGTH: 135
 ; Sequence 2, Application US/09307621
 ;
 GENERAL INFORMATION: ; TYPE: PRT
 ;
 APPLICANT: Xiao, Jian-ping
 ; APPLICANT: Xu, Shuang-Yong
 ; TITLE OF INVENTION: Method For Cloning And Expression of BsrFI Restriction
 ; TITLE OF INVENTION: Endonuclease In E. coli
 ; FILE REFERENCE: BsrFI
 ; CURRENT APPLICATION NUMBER: US/09/307,621
 ;
 CURRENT FILING DATE: 1999-05-07
 ;
 NUMBER OF SEQ ID NOS: 30

SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 2
 LENGTH: 389
 TYPE: PRT
 ORGANISM: *Bacillus stearothermophilus*
 US-09-307-521-2

RESULT 13
 US-09-252-991A-20178
 Query Match 45.3%; Score 39; DB 3; Length 389;
 Best Local Similarity 52.9%; Pred. No. 69;
 Matches 9; Conservative 1; Mismatches 7; Indels 0; Gaps 0;
 Qy 1 PTSRPMVVRSAETMQS 17
 Db 314 PTIPLRRLTVREALRQS 330

RESULT 14
 US-09-252-991A-20178
 Sequence 20178 Application US/09252991A
 Patent No. 6551795
 GENERAL INFORMATION:
 APPLICANT: Marc J. Rubenfield et al.
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
 TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
 FILE REFERENCE: 107196.136
 CURRENT APPLICATION NUMBER: US/09/252,991A
 CURRENT FILING DATE: 1999-02-18
 PRIOR APPLICATION NUMBER: -US 60/074,788
 PRIOR FILING DATE: 1998-02-18
 PRIOR APPLICATION NUMBER: US 60/094,190
 PRIOR FILING DATE: 1998-07-27
 NUMBER OF SEQ ID NOS: 33142
 SEQ ID NO 20178
 LENGTH: 562
 TYPE: PRT
 ORGANISM: *Pseudomonas aeruginosa*
 US-09-252-991A-20178

RESULT 14
 US-09-252-991A-28124
 Sequence 2024 Application US/09252991A
 Patent No. 6551795
 GENERAL INFORMATION:
 APPLICANT: Marc J. Rubenfield et al.
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
 TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
 FILE REFERENCE: 107196.136
 CURRENT APPLICATION NUMBER: US/09/252,991A
 CURRENT FILING DATE: 1999-02-18
 PRIOR APPLICATION NUMBER: -US 60/074,788
 PRIOR FILING DATE: 1998-02-18
 PRIOR APPLICATION NUMBER: US 60/094,190
 PRIOR FILING DATE: 1998-07-27
 NUMBER OF SEQ ID NOS: 33142
 SEQ ID NO 20124
 LENGTH: 251
 TYPE: PRT
 ORGANISM: *Pseudomonas aeruginosa*
 US-09-252-991A-28124

Query Match 44.2%; Score 38; DB 4; length 251;
 Best Local Similarity 47.1%; Pred. No. 62;
 Matches 8; Conservative 5; Mismatches 4; Indels 0; Gaps 0;

RESULT 15
 US-09-252-991A-21939
 Sequence 21939 Application US/09252991A
 Patent No. 6551795
 GENERAL INFORMATION:
 APPLICANT: Marc J. Rubenfield et al.
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
 TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
 FILE REFERENCE: 107196.136
 CURRENT APPLICATION NUMBER: US/09/252,991A
 CURRENT FILING DATE: 1999-02-18
 PRIOR APPLICATION NUMBER: US 60/074,788
 PRIOR FILING DATE: 1998-02-18
 PRIOR APPLICATION NUMBER: US 60/094,190
 PRIOR FILING DATE: 1998-07-27
 NUMBER OF SEQ ID NOS: 33142
 SEQ ID NO 21939
 LENGTH: 276
 TYPE: PRT
 ORGANISM: *Pseudomonas aeruginosa*
 US-09-252-991A-21939

Query Match 44.2%; Score 38; DB 4; Length 276;
 Best Local Similarity 61.5%; Pred. No. 69;
 Matches 8; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
 Qy 1 PTSRPMVVRSAETMQS 13
 Db 16 PTSRPSAFASSE 28

Search completed: March 15, 2004, 12:56:19
 Job time : 16.9 secs

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.

and is derived by analysis of the total score distribution.

SUMMARIES

SUMMARIES

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; TYPE: Amino acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: Peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
; US-09-734-002-6

Query Match 100.0%; Score 74; DB 9; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.1e-06; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0; Indexes 0; Gaps 0;
QY 1 BEVPYSELENGRD 14
Db 1 BEVPYSELENGRD 14

RESULT 2
US-09-734-002-2
Sequence 2, Application US/09734002
Patent No. US2001016333A1

GENERAL INFORMATION:
APPLICANT: Motoharu SEIKI et al.
TITLE OF INVENTION: NOVEL PROTEIN AND MONOClonAL ANTIBODY SPECIFIC THERAPEUTIC
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wenderoth, Lind & Ponack, L.L.P.
STREET: 2033 K Street, N.W., Suite 800
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20006

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/734,002
FILING DATE: 12-Dec-2000
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: PCT/JP96/01956
FILING DATE: July 12, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Le Cheng
REGISTRATION NUMBER: 40,949
REFERENCE/DOCKET NUMBER: <Unknown>
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-721-8200
TELEFAX: 202-721-8250
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 607
TYPE: Amino acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Protein
ORIGINAL SOURCE:
ORGANISM: Human
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-734-002-2

Query Match 100.0%; Score 74; DB 9; Length 14;
Best Local Similarity 100.0%; Pred. No. 0.00026; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0; Indexes 0; Gaps 0;
QY 1 BEVPYSELENGRD 14
Db 168 BEVPYSELENGRD 181

RESULT 3
US-09-734-002-3
Sequence 3, Application US/09734002
Patent No. US2001016333A1

GENERAL INFORMATION:
APPLICANT: Wang, Kai
APPLICANT: Smith, Ryan
APPLICANT: Fajardo, Mark
APPLICANT: Moss, Patrick
TITLE OF INVENTION: A NOVEL MATRIX METALLOPROTEINASE (MMP-25)
FILE REFERENCE: 240033.509
CURRENT APPLICATION NUMBER: US/09/801,196
CURRENT FILING DATE: 2001-03-06
NUMBER OF SEQ ID NOS: 37
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 29
LENGTH: 607
TYPE: PRT
ORGANISM: Homo sapiens
US-09-801-196-29

Query Match 100.0%; Score 74; DB 9; Length 607;
Best Local Similarity 100.0%; Pred. No. 0.00026; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0; Indexes 0; Gaps 0;
QY 1 BEVPYSELENGRD 14
Db 168 BEVPYSELENGRD 181

RESULT 4
US-10-176-847-88
Sequence 88, Application US/10176847
Publication No. US20030066836A1

GENERAL INFORMATION:
APPLICANT: Veaby, Peter Ole
TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS FOR
TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF BREAK
TITLE OF INVENTION: AND OVARIAN CANCER
FILE REFERENCE: WRI-039
CURRENT APPLICATION NUMBER: US/10/176,847
CURRENT FILING DATE: 2002-06-21
NUMBER OF SEQ ID NOS: 112
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 88
LENGTH: 607
TYPE: PRT
ORGANISM: Homo sapiens
US-10-176-847-88

Query Match 100.0%; Score 74; DB 14; Length 607;
Best Local Similarity 100.0%; Pred. No. 0.00026; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0; Indexes 0; Gaps 0;
QY 1 BEVPYSELENGRD 14
Db 168 BEVPYSELENGRD 181

RESULT 5
US-0-131-985-47
Sequence 47, Application US/10131985
Publication No. US20030199440A1

GENERAL INFORMATION:
APPLICANT: Dack, Kevin N
APPLICANT: Davies, Michael J
APPLICANT: Fish, Paul V
APPLICANT: Huggins, Jonathan P
APPLICANT: McIntosh, Fraser S
APPLICANT: Occlenton, Nicholas L
TITLE OF INVENTION: Composition
FILE REFERENCE: PCS 1031A
CURRENT APPLICATION NUMBER: US/10/131,985

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; Sequence 2, Application US/09891160
; Patent No. US20020103354A1
; GENERAL INFORMATION:
; APPLICANT: Anthony J. Arleth
; APPLICANT: Anne Romanc-Arnold
; APPLICANT: Xiaotong Li
; APPLICANT: Yuan Zhu
; TITLE OF INVENTION: A SPLICING VARIANT OF HUMAN
; TITLE OF INVENTION: MEMBRANE-TYPE MATRIX METALLOPROTEINASE-5 (MT-MMP5-L)
; FILE REFERENCE: GH-0613-D1
; CURRENT APPLICATION NUMBER: US/09/891,160
; CURRENT FILING DATE: 2001-06-25
; PRIOR APPLICATION NUMBER: US 09/234,841
; PRIOR FILING DATE: 1999-04-20
; PRIOR APPLICATION NUMBER: PCT/US00/10539
; PRIOR FILING DATE: 2000-04-19
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSBQ for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 532
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
; US-09-891-160-2

Query Match      55.4%; Score 41; DB 9; Length 532;
Best Local Similarity 42.9%; Pred. No. 1.1e+02; Matches 6; Mismatches 2; Indels 0; Gaps 0;
Qy  1 EEVPSLENGKRD 14
Db  91 EEVPHETIKSDRKE 104

RESULT 9
US-10-406-209-5
; Sequence 5, Application US/10406209
; Publication No. US20030170758A1
; GENERAL INFORMATION:
; APPLICANT: KYOWA HAKKO KOGYO CO., LTD.
; TITLE OF INVENTION: NOVEL ANTIBODIES, DRUGS CONTAINING THESE ANTIBODIES AND
; TITLE OF INVENTION: METHODS FOR
; TITLE OF INVENTION: SCREENING COMPOUNDS BY USING THESE ANTIBODIES
; FILE REFERENCE: 1241-19
; CURRENT APPLICATION NUMBER: US10/406,209
; CURRENT FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: US/09/806,228C
; PRIOR FILING DATE: 2001-06-30
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 645
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-406-209-5

Query Match      55.4%; Score 41; DB 14; Length 645;
Best Local Similarity 42.9%; Pred. No. 1.4e+02; Matches 6; Mismatches 2; Indels 0; Gaps 0;
Qy  1 EEVPSLENGKRD 14
Db  204 EEVPHETIKSDRKE 217

RESULT 10
US-10-406-209-6
; Sequence 6, Application US/10406209
; Publication No. US20030170758A1
; GENERAL INFORMATION:
; APPLICANT: KYOWA HAKKO KOGYO CO., LTD.
; TITLE OF INVENTION: NOVEL ANTIBODIES, DRUGS CONTAINING THESE ANTIBODIES AND
; TITLE OF INVENTION: METHODS FOR
; TITLE OF INVENTION: SCREENING COMPOUNDS BY USING THESE ANTIBODIES
; FILE REFERENCE: 1241-19
; CURRENT APPLICATION NUMBER: US10/406,209
; CURRENT FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: PCT/JP99/05350
; PRIOR FILING DATE: 1999-09-29
; PRIOR APPLICATION NUMBER: JP 10-291501
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: JP 10-291503
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 618
; TYPE: PRT
; ORGANISM: Mouse
; US-10-406-209-5

Query Match      55.4%; Score 41; DB 14; Length 618;
Best Local Similarity 42.9%; Pred. No. 1.3e+02; Matches 6; Mismatches 2; Indels 0; Gaps 0;
Qy  1 EEVPSLENGKRD 14
Db  177 EEVPHETIKSDRKE 190

RESULT 11
US-10-131-985-57
; Sequence 57, Application US/10131985
; Publication No. US20030199440A1
; GENERAL INFORMATION:
; APPLICANT: Deck, Kevin N
; APPLICANT: Davies, Michael J
; APPLICANT: Fish, Paul V
; APPLICANT: Ruggins, Jonathan P
; APPLICANT: McIntosh, Fraser S
; APPLICANT: Ogleston, Nicholas L
; TITLE OF INVENTION: Composition
; FILE REFERENCE: PCT 10391A
; CURRENT APPLICATION NUMBER: US/10/131,985
; CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US/09/726,295
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: GB 9930768.8
; PRIOR FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 57
; LENGTH: 645
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-131-985-57

Query Match      55.4%; Score 41; DB 14; Length 645;
Best Local Similarity 42.9%; Pred. No. 1.4e+02; Matches 6; Mismatches 2; Indels 0; Gaps 0;
Qy  1 EEVPSLENGKRD 14
Db  204 EEVPHETIKSDRKE 217

RESULT 12
US-10-029-386-32766
; Sequence 32766, Application US/10029386

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RESULT 10
US-10-406-209-6
; Sequence 6, Application US/10406209

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Mon Mar 15 13:28:01 2004

us-09-734-002-6.rapb

Page 6

Oy 3 VPYSBELNGK 12
Db 149 VPFSRENGK 158

Search completed: March 15, 2004, 12:59:13
Job time : 24.8 secs

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OM protein - protein search, using sw model

Run on: March 15, 2004, 12:48:00 ; Search time 12.367 Seconds (without alignments)

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Scanned: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*

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3: /cgn2_6/ptodata/2/iaaa/6A_COMB_pep:*

4: /cgn2_6/ptodata/2/iaaa/6B_COMB_pep:*

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6: /cgn2_6/ptodata/2/iaaa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Length	DB	ID	Description
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2	74	100.0	604	4	US-09-391-104-30	Sequence 30, Appli
3	74	100.0	607	3	US-09-000-041A-2	Sequence 10, Appli
4	100.0	607	3	US-09-211-702A-10	Sequence 1, Appli	
5	42	56.8	225	4	US-09-197-532A-7902	Sequence 7302, Appli
6	41	55.4	187	4	US-09-320-352-7862	Sequence 7862, Appli
7	41	55.4	532	3	US-09-294-841-2	Sequence 841, Appli
8	40	54.1	505	4	US-09-459-039A-8941	Sequence 8941, Appli
9	40	54.1	516	4	US-09-252-93A-17726	Sequence 17726, Appli
10	39	52.7	403	4	US-08-483-393-4	Sequence 4, Appli
11	39	52.7	697	4	US-08-81-177-2	Sequence 2, Appli
12	39	52.7	715	4	US-09-134-000C-5094	Sequence 5094, Appli
13	39	52.7	1382	2	US-08-737-715-2	Sequence 2, Appli
14	39	52.7	1382	4	US-09-457-040B-7	Sequence 7, Appli
15	39	51.4	534	4	US-09-107-532A-6549	Sequence 6549, Appli
16	37	50.0	56	3	US-08-905-223A-414	Sequence 414, Appli
17	37	50.0	121	1	US-03-107-532A-4829	Sequence 4829, Appli
18	37	50.0	282	3	US-08-972-902-7	Sequence 7, Appli
19	37	50.0	282	4	US-08-520-207-7	Sequence 7, Appli
20	37	50.0	282	4	US-09-136-207-7	Sequence 152, Appli
21	37	50.0	296	4	US-09-071-035-152	Sequence 7, Appli
22	37	50.0	304	3	US-03-045-225-7	Sequence 2, Appli
23	37	50.0	304	4	US-03-483-371-2	Sequence 2, Appli
24	37	50.0	318	4	US-03-957-156-2	Sequence 2, Appli
25	37	50.0	325	4	US-03-071-035-150	Sequence 150, Appli
26	37	50.0	336	4	US-09-134-000C-5662	Sequence 5662, Appli

ALIGNMENTS

RESULT 1
US-09-000-041A-6
Sequence 6, Application US/09000041A
; Patent No. 6191255
GENERAL INFORMATION:
APPLICANT: Motoharu SEKII et al
TITLE OF INVENTION: NOVEL PROTEIN AND MONOClonAL ANTIBODY SPecIFIC THERETO
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wendell, Lind & Ponack, L.L.P.
STREET: 2033 K Street, N.W., Suite 800
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
LIF: 2006
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/000, 041A
FILING DATE: January 13, 1998
CLASSIFICATION: 536
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: PCT/JP96/01956
FILING DATE: July 12, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Lee Cheng
REGISTRATION NUMBER: 40, 949
REFERENCE DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-721-8200
TELEFAX: 202-721-8250
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 14
TYPE: Amino acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Peptide
US-09-000-041A-6

Query Match Similarity 100.0%; Score 74; DB 3; Length 14;
Best Local Similarity 100.0%; Score 1.0e-06; DB 3; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EEVYSELENGKRD 14

Db 1 EEVPSYLENGKRD 14

RESULT 2 104-30

; Sequence 30, Application US/09391104
; Patent No. 6399371
; GENERAL INFORMATION:
; APPLICANT: Abbott Laboratories
; ATTORNEY: Falouto, Michael T.
; APPLICANT: Magnuson, Scott R.
; APPLICANT: Moran, Douglas W.
; TITLE OF INVENTION: HUMAN MATRIX METALLOPROTEASE GENE,
; TITLE OF INVENTION: PROTEINS ENCODED THEREFROM AND METHODS
; FILE REFERENCE: 6073.US.P1
; CURRENT APPLICATION NUMBER: US/09/191,104
; CURRENT FILING DATE: 1995-09-07
; PRIOR APPLICATION NUMBER: US 08/814,394
; PRIOR FILING DATE: 1997-03-11
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO: 30
; LENGTH: 604
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-391-104-30

Query Match 100.0%; Score 74; DB 4; Length 604;
Best Local Similarity 100.0%; Pred. No. 0.0001; Mismatches 0; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EEVPSYLENGKRD 14

Db 168 EEVPSYLENGKRD 181

RESULT 4

US-09-211-704A-10

; Sequence 10, Application US/09211704A
; Patent No. 6271014
; GENERAL INFORMATION:
; APPLICANT: de Saint-Vin, Blandine Marie
; APPLICANT: Fossiez, Francois
; APPLICANT: Caux, Christophe
; APPLICANT: Lebecque, Serge J. B.
; TITLE OF INVENTION: Mammalian Proteinases; Related Reagents
; TITLE OF INVENTION: and Methods
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DNAX Research Institute
; STREET: 901 California Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1104

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/211,704A
FILING DATE:
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/005,263
FILING DATE: 09-JAN-1998
ATTORNEY/AGENT INFORMATION:
NAME: Ching, Edwin P.

REGISTRATION NUMBER: 34,090
REFERENCE/DOCKET NUMBER: SEQ0781K
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 852-9196
TELEFAX: (650) 496-1200
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 607 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: Linear
MOLECULE TYPE: peptide
US-09-211-704A-10

Query Match 100.0%; Score 74; DB 3; Length 607;
Best Local Similarity 100.0%; Pred. No. 0.0001; Mismatches 0; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EEVPSYLENGKRD 14

Db 168 EEVPSYLENGKRD 181

SEQUENCE CHARACTERISTICS:
LENGTH: 607
TYPE: Amino acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Protein
ORIGINAL SOURCE:
US-09-000-041A-2
ORGANISM: Human

RESULT 9
 US-09-252-991A-17726 Application US/09252991A
 ; Sequence 17726, Application US/09252991A
 ; Patent No. 6551795
 ; GENERAL INFORMATION:
 ; APPLICANT: Marc J. Rubenfield et al.
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
 ; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
 ; FILE REFERENCE: 107196.136
 ; CURRENT APPLICATION NUMBER: US/09/252,991A
 ; CURRENT FILING DATE: 1999-02-18
 ; PRIOR APPLICATION NUMBER: US 60/074,788
 ; PRIOR FILING DATE: 1998-02-18
 ; PRIOR APPLICATION NUMBER: US 60/094,190
 ; PRIOR FILING DATE: 1998-07-27
 ; NUMBER OF SEQ ID NOS: 33142
 ; SEQ ID NO: 17726
 ; LENGTH: 516
 ; TYPE: PRT
 ; ORGANISM: *Pseudomonas aeruginosa*
 US-09-252-991A-17726

RESULT 10
 Query Match 54.1%; Score 40; DB 4; Length 516;
 Best Local Similarity 46.2%; Pred. No. 70; Mismatches 5; Indels 0; Gaps 0;
 Matches 6; Conservative 5; Mismatches 2; Indels 0; Gaps 0;
 Qy 1 BEVPPVSELENKR 13
 Db 365 QNTPYVABLEVQK 377

RESULT 10
 Query Match 54.1%; Score 40; DB 4; Length 516;
 Best Local Similarity 46.2%; Pred. No. 70; Mismatches 5; Indels 0; Gaps 0;
 Matches 6; Conservative 5; Mismatches 2; Indels 0; Gaps 0;
 Qy 1 BEVPPVSELENKR 13
 Db 365 QNTPYVABLEVQK 377

RESULT 10
 Query Match 54.1%; Score 40; DB 4; Length 516;
 Best Local Similarity 46.2%; Pred. No. 70; Mismatches 5; Indels 0; Gaps 0;
 Matches 6; Conservative 5; Mismatches 2; Indels 0; Gaps 0;
 Qy 1 BEVPPVSELENKR 13
 Db 365 QNTPYVABLEVQK 377

RESULT 10
 Query Match 54.1%; Score 40; DB 4; Length 516;
 Best Local Similarity 46.2%; Pred. No. 70; Mismatches 5; Indels 0; Gaps 0;
 Matches 6; Conservative 5; Mismatches 2; Indels 0; Gaps 0;
 Qy 1 BEVPPVSELENKR 13
 Db 365 QNTPYVABLEVQK 377

RESULT 11
 US-08-816-177-2
 ; Sequence 2, Application US/08816177
 ; Patent No. 6573066
 ; GENERAL INFORMATION:
 ; APPLICANT: Hobson, John
 ; APPLICANT: Jenkins, Owen
 ; APPLICANT: Sarlison, Gillian
 ; TITLE OF INVENTION: No. 6573066el Compounds
 ; NUMBER OF SEQUENCES: 2
 ; CORRESPONDENCE ADDRESS:

RESULT 11
 US-08-816-177-2
 ; Sequence 2, Application US/08816177
 ; Patent No. 6573066
 ; GENERAL INFORMATION:
 ; APPLICANT: Hobson, John
 ; APPLICANT: Jenkins, Owen
 ; APPLICANT: Sarlison, Gillian
 ; TITLE OF INVENTION: No. 6573066el Compounds
 ; NUMBER OF SEQUENCES: 2
 ; CORRESPONDENCE ADDRESS:

RESULT 12
 US-09-134-000C-5094
 ; Sequence 5094, Application US/09134000C
 ; Patent No. 6611136
 ; GENERAL INFORMATION:
 ; APPLICANT: Lynn Douette-Stamm et al.
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
 ; TITLE OF INVENTION: ENTEROCOCCUS FABCOLIS FOR DIAGNOSTICS AND THERAPEUTICS
 ; FILE REFERENCE: 032796-02
 ; CURRENT APPLICATION NUMBER: US/09/134,000C
 ; CURRENT FILING DATE: 1998-08-13
 ; PRIOR APPLICATION NUMBER: US 60/055,778
 ; PRIOR FILING DATE: 1997-08-15
 ; NUMBER OF SEQ ID NOS: 6812
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 5094
 ; LENGTH: 715
 ; TYPE: PRT
 ; ORGANISM: *Enterococcus faecalis*
 US-09-134-000C-5094

RESULT 12
 Query Match 52.7%; Score 39; DB 4; Length 715;
 Best Local Similarity 63.6%; Pred. No. 1.5e+02; Mismatches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
 Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
 Qy 3 VPYCSELENKR 13
 Db 640 VPESLNLNSR 650

RESULT 13
US-08-737-715-2
; Sequence 2, Application US/08737715

GENERAL INFORMATION:
APPLICANT: Ebira, Yousuke
TITLE OF INVENTION: MUTANT HUMAN INSULIN RECEPTOR DNA.
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: SUGHRUE, MION, ZINN, MACPEAK & SEAS
STREET: 2100 Pennsylvania Avenue, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20037

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOCS/MS-DOCS
SOFTWARE: Patentnet Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08-737, 715
FILING DATE: 12-NOV-1996
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 134827/1995
FILING DATE: 12-MAY-1994

ATTORNEY/AGENT INFORMATION:
NAME: Nakamura, Dean H.
REGISTRATION NUMBER: 33, 981
REFERENCE/DOCKET NUMBER: O-43323

TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 293-7060
TELEFAX: (202) 293-7860

INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1382 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-737-715-2

Query Match 52.7%; Score 39; DB 2; Length 1382;
Best Local Similarity 35.7%; Pred. No. 3.2e+02;
Matches 5; Conservative 5; Mismatches 4; Indels 0; Gaps 0;

QY 1 EKVYVSELENGRD 14
Db 1357 EHYPYTHNGKKN 1370

RESULT 14
US-09-457-040B-7
; Sequence 7, Application US/09457040B

GENERAL INFORMATION:
PATENT NO. 6387641

APPLICANT: Vertex Pharmaceuticals Incorporated
TITLE OF INVENTION: Crystallized P38 Complexes
FILE REFERENCE: VPI/9814
CURRENT APPLICATION NUMBER: US/09/457,040B
CURRENT FILING DATE: 1999-12-08
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentin version 3.0
SEQ ID NO 7

LENGTH: 1382
TYPE: PRT
ORGANISM: Human
US-09-457-040B-7

Query Match 52.7%; Score 39; DB 4; Length 1382;
Best Local Similarity 35.7%; Pred. No. 3.2e+02;
Gaps 0;

QY 4 PYSELENG 11
Db 265 PYTEVENG 272

RESULT 15
US-09-107-532A-6549
; Sequence 6349, Application US/09107532A

GENERAL INFORMATION:
APPLICANT: Lynn A Doucette-Stamm and David Bush
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ENTEROCOCCUS FABICUM FOR DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 7310

CORRESPONDENCE ADDRESS:
ADDRESSEE: GENOME THERAPEUTICS CORPORATION
STREET: 100 Beaver Street
CITY: Waltham
STATE: Massachusetts
COUNTRY: USA
ZIP: 02454

COMPUTER READABLE FORM:
MEDIUM TYPE: CD-ROM 1SQ9660
COMPUTER: PC
OPERATING SYSTEM: <Unknown>
SOFTWARE: ASCII

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/107, 532A
FILING DATE: 30-Jun-1998

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/085, 598
FILING DATE: 14 May 1998
APPLICATION NUMBER: 60/055,571
FILING DATE: July 2, 1997

ATTORNEY/AGENT INFORMATION:
NAME: Arinieillo, Pamela Deneke
REGISTRATION NUMBER: 40, 489
REFERENCE/DOCKET NUMBER: GTC-012

TELECOMMUNICATION INFORMATION:
TELEPHONE: (781) 893-8277
TELEFAX: (781) 893-8277

INFORMATION FOR SEQ ID NO: 6549:
SEQUENCE CHARACTERISTICS:
LENGTH: 534 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: YES
ORIGINAL SOURCE:
ORGANISM: Enterococcus faecium

FEATURE:
NAME/KEY: misc_feature
LOCATION: (B) LOCATION 1.. 534
SEQUENCE DESCRIPTION: SEQ ID NO: 6549:

Query Match 51.4%; Score 38; DB 4; Length 534;
Best Local Similarity 50.0%; Pred. No. 1.6e+02;
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 4 PYSELENG 11
Db 265 PYTEVENG 272

Search completed: March 15, 2004, 12:56:18
Job time : 12.367 secs

TYPE: Amino acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-734-002-5

Query Match 100.0%; Score 72; DB 9; Length 14;
Best Local Similarity 100.0%; Pred. No. 4.1e-05;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 QTRGSKSKPHRRKR 14
Db 1 QTRGSKSKPHRRKR 14

RESULT 2
US-09-734-002-2
Sequence 2, Application US/09734002
Patent No. US2003016333A1
GENERAL INFORMATION:
APPLICANT: Motoharu SEIKI et al.
TITLE OF INVENTION: NOVEL PROTEIN AND MONOClonAL ANTIBODY SPECIFIC THERETO
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wenzeloth, Lind & Ponack, L.L.P.
STREET: 2033 K Street, N.W., Suite 800
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/734,002
FILING DATE: 12-Dec-2000
CLASSIFICATION: Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP96/01956
FILING DATE: July 12, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Lee Cheng
REGISTRATION NUMBER: 40,949
REFERENCE/DOCKET NUMBER: <Unknown>
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-721-8200
TELEFAX: 202-721-8250
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
TYPE: Amino acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Protein
ORIGINAL SOURCE:
ORGANISM: Human
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-734-002-2

Query Match 100.0%; Score 72; DB 9; Length 607;
Best Local Similarity 100.0%; Pred. No. 0.00019;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 QTRGSSKSKPHRRKR 14
Db 105 QTRGSSKSKPHRRKR 119

RESULT 4
US-10-176-847-88
Sequence 88, Application US/10176847
Publication No. US20030068636A1
GENERAL INFORMATION:
APPLICANT: Veiby Petter Ole
TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS FOR
TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF BREAST
FILE REFERENCE: MRI-039
CURRENT APPLICATION NUMBER: US/10/176,847
CURRENT FILING DATE: 2002-06-21
NUMBER OF SEQ ID NOS: 112
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 88
LENGTH: 607
TYPE: PRT
ORGANISM: Homo sapiens
US-10-176-847-88

Query Match 100.0%; Score 72; DB 14; Length 607;
Best Local Similarity 100.0%; Pred. No. 0.00019;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 QTRGSSKSKPHRRKR 14
Db 105 QTRGSSKSKPHRRKR 119

RESULT 5
US-10-131-985-47
Sequence 47, Application US/10131985
Publication No. US20030199440A1
GENERAL INFORMATION:
APPLICANT: Dack, Kevin N
APPLICANT: Davies, Michael J
APPLICANT: Flah, Paul V
APPLICANT: Higgins, Jonathan P
APPLICANT: McIntosh, Fraser S
APPLICANT: Ogleston, Nicholas L
TITLE OF INVENTION: Composition
FILE REFERENCE: PGS 1031A
CURRENT APPLICATION NUMBER: US/10/131,985

CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US 09/726,295
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: GB 9930768.8
; PRIOR FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 47
; LENGTH: 607
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-131-985-47
; Query Match 100.0%; Score 72; DB 14; Length 607;
; Best Local Similarity 100.0%; Pred. No. 0; 0.00019;
; Matches 14; Conservative 0; Mismatches 0;
; Indels 0; Gaps 0;
; QY 1 QTRGSSSKFHRRKR 14
; Db 106 QTRGSSSKFHRRKR 119
; RESULT 6
; Sequence 2661, Application US/0104047
; Publication No. US20030236392A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20030236392A1 full length cDNA
; FILE REFERENCE: HI-A0105
; CURRENT APPLICATION NUMBER: US10/104,047
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 4096
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2661
; LENGTH: 514
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-104-047-2661
; Query Match 61.1%; Score 44; DB 15; Length 514;
; Best Local Similarity 64.3%; Pred. No. 15; 0.00019;
; Matches 9; Conservative 2; Mismatches 3;
; Indels 0; Gaps 0;
; QY 1 QTRGSSSKFHRRKR 14
; Db 315 KSRSSSKSHSRKR 328
; RESULT 7
; Sequence 4, Application US/10105959
; Publication No. US2003006650A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics, Inc.
; APPLICANT: Cimborn, Daniel M.
; APPLICANT: Heichman, Karen
; APPLICANT: Bartell, Paul L.
; TITLE OF INVENTION: Protein-Protein Interactions
; FILE REFERENCE: 2318-05-11
; CURRENT APPLICATION NUMBER: US/10/105,959
; CURRENT FILING DATE: 2002-03-21
; PRIOR APPLICATION NUMBER: US 60/278,428
; PRIOR FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 624
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-105-959-4
; RESULT 8
; Sequence 51, Application US/1003664A
; Publication No. US2003153018A1
; GENERAL INFORMATION:
; APPLICANT: Hunter, John Joseph
; APPLICANT: Williamson, Mark W.
; APPLICANT: Macbeth, Kyle J.
; APPLICANT: Rudolph-Owen, Laura A.
; APPLICANT: Tai, Fong-Ying
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING
; TIME OF INVENTION: CANCER USING 2192, 2193, 6368, 8895, 9138, 9217, 9609, 2670,
; TITLE OF INVENTION: 33794, 54476 and 94710
; FILE REFERENCE: WPI2001-220UP3R(M)
; CURRENT APPLICATION NUMBER: US10/303,664A
; CURRENT FILING DATE: 2002-11-25
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 51
; LENGTH: 390
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-303-664A-51
; Query Match 59.7%; Score 43; DB 14; Length 390;
; Best Local Similarity 66.7%; Pred. No. 17; 0.00019;
; Matches 8; Conservative 1; Mismatches 3;
; Indels 0; Gaps 0;
; QY 3 RGSKSHRRKR 14
; Db 250 KNSKSHFRRR 261
; RESULT 9
; Sequence 2557, Application US/10264237
; Publication No. US20040009491A1
; GENERAL INFORMATION:
; APPLICANT: Birse et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA131P1
; CURRENT APPLICATION NUMBER: US10/264,237
; CURRENT FILING DATE: 2002-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/16450
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: US 60/205,515
; NUMBER OF SEQ ID NOS: 2876
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 2557
; LENGTH: 390
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: MISCELLANEOUS FEATURE
; LOCATION: (52)
; OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids
; FEATURE:
; NAME/KEY: MISCELLANEOUS FEATURE
; LOCATION: (217)
; OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids
; FEATURE:

NAME/KEY: MISC_FEATURE
 LOCATION: (303)
 OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids
 US-10-264-237-2557
 Query Match 59.7%; Score 43; DB 15; Length 390;
 Best Local Similarity 66.7%; Pred. No. 17; 3; Indels 0; Gaps 0;
 Matches 8; Conservative 1; Mismatches 3
 QY 3 RGSSKPHIRRK 14
 Db 250 KNSSKFHRRTR 261

RESULT 10
 US-10-074-045-46
 Sequence 46, Application US10074046
 Publication No. US20030092102A1
 GENERAL INFORMATION:
 APPLICANT: Rosen et al.
 TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
 FILE REFERENCE: PIZZICL
 CURRENT APPLICATION NUMBER: US10/074,045
 CURRENT FILING DATE: 2002-02-14
 PRIOR Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 74
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 46
 LENGTH: 395
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURES:
 NAME/KEY: misc feature
 LOCATION: (94)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (222)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (308)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 US-10-074-045-46

Query Match 59.7%; Score 43; DB 14; Length 395;
 Best Local Similarity 66.7%; Pred. No. 17; 3; Indels 0; Gaps 0;
 Matches 8; Conservative 1; Mismatches 3
 QY 3 RGSSKPHIRRK 14
 Db 255 KNSSKFHRRTR 266

RESULT 11
 US-10-029-396-28706
 Sequence 28706, Application US/10029396
 Publication No. US20030194704A1
 GENERAL INFORMATION:
 APPLICANT: Pein, Sharren G.
 APPLICANT: Rank, David R.
 APPLICANT: Harel, David K.
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR C
 TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
 FILE REFERENCE: AENOMA-X-2
 CURRENT APPLICATION NUMBER: US/10/029,386
 CURRENT FILING DATE: 2001-12-20
 NUMBER OF SEQ ID NOS: 34288
 SOFTWARE: Amnonax Sequence Listing Engine vers. 1.1
 SEQ ID NO 28706
 LENGTH: 123
 TYPE: PRT
 ORGANISM: Homo sapiens

RESULT 12
 US-10-369-493-16185
 Sequence 16185, Application US/10369493
 Publication No. US20030233675A1
 GENERAL INFORMATION:
 APPLICANT: Cao, Yongwei
 APPLICANT: Hinkle, Gregory J.
 APPLICANT: Slater, Steven C.
 APPLICANT: Goldman, Barry S.
 APPLICANT: Chen, Xianfeng
 TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
 FILE REFERENCE: 38-10(52052)B
 CURRENT APPLICATION NUMBER: US/10/369,493
 CURRENT FILING DATE: 2002-02-21
 PRIOR APPLICATION NUMBER: US 60/360,039
 NUMBER OF SEQ ID NOS: 47374
 SEQ ID NO 16185
 LENGTH: 567
 TYPE: PRT
 ORGANISM: Xanthomonas campestris
 US-10-369-493-16185

Query Match 52.8%; Score 38; DB 14; Length 123;
 Best Local Similarity 70.0%; Pred. No. 40; 2; Mismatches 1; Indels 0; Gaps 0;
 Matches 7; Conservative 2; Mismatches 1
 QY 5 SSSEPHIRRK 14
 Db 100 SSSEPHIRRK 109

RESULT 13
 US-10-369-493-15803
 Sequence 15803, Application US/10369493
 Publication No. US20030233675A1
 GENERAL INFORMATION:
 APPLICANT: Cao, Yongwei
 APPLICANT: Hinkle, Gregory J.
 APPLICANT: Slater, Steven C.
 APPLICANT: Goldman, Barry S.
 APPLICANT: Chen, Xianfeng
 TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
 FILE REFERENCE: 38-10(52052)B
 CURRENT APPLICATION NUMBER: US/10/369,493
 CURRENT FILING DATE: 2003-02-28
 PRIOR APPLICATION NUMBER: US 60/360,039
 NUMBER OF SEQ ID NOS: 47374
 SEQ ID NO 15803
 LENGTH: 619
 TYPE: PRT
 ORGANISM: Xanthomonas campestris

US-10-369-493-15803

Db :: | : | : | : | : | 268 RSRATRKYH1QRK 280

Query Match 52.8%; Score 38; DB 15; Length 619;
 Best Local Similarity 77.8%; Pred. No. 2.1e+02; Mismatches 2; Indels 0; Gaps 0;
 Matches 7; Conservative 0; Job time : 23.8 secs

Qy 2 TRGSSKFH 10
 Db 55 TRGSSKFH 63

RESULT 14

US-10-369-493-15435

; Sequence 15435, Application US/10369493

; Publication No. US20030233675A1

; GENERAL INFORMATION:

; APPLICANT: Cao, Yongwei

; APPLICANT: Hinkle, Gregory J.

; APPLICANT: Slater, Steven C.

; APPLICANT: Goldman, Barry S.

; APPLICANT: Chen, Xianeng

; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF

; PLANTS WITH IMPROVED PROPERTIES

; FILE REFERENCE: 38-10(52052)B

; CURRENT APPLICATION NUMBER: US/10/369,493

; CURRENT FILING DATE: 2003-02-28

; PRIOR APPLICATION NUMBER: US 60/360,039

; PRIOR FILING DATE: 2002-02-21

; NUMBER OF SEQ ID NOS: 47374

; SEQ ID NO 15435

; LENGTH: 771

; TYPE: PRT

; ORGANISM: Xanthomonas campestris

; US-10-369-493-15835

; RESULT 15

US-10-369-1645

; Sequence 1645, Application US/10369493

; Publication No. US20030233675A1

; GENERAL INFORMATION:

; APPLICANT: Cao, Yongwei

; APPLICANT: Hinkle, Gregory J.

; APPLICANT: Slater, Steven C.

; APPLICANT: Goldman, Barry S.

; APPLICANT: Chen, Xianeng

; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF

; PLANTS WITH IMPROVED PROPERTIES

; FILE REFERENCE: 38-10(52052)B

; CURRENT APPLICATION NUMBER: US/10/369,493

; CURRENT FILING DATE: 2003-02-28

; PRIOR APPLICATION NUMBER: US 60/360,039

; PRIOR FILING DATE: 2002-02-21

; NUMBER OF SEQ ID NOS: 47374

; SEQ ID NO 1645

; LENGTH: 852

; TYPE: PRT

; ORGANISM: Saccharomyces cerevisiae

; US-10-369-493-1645

; Query Match 52.8%; Score 38; DB 15; Length 852;

; Best Local Similarity 46.2%; Pred. No. 2.9e+02; Mismatches 2; Indels 0; Gaps 0;

; Matches 6; Conservative 5; Job time : 23.8 secs

; Qy 1 QTRGSSKFH1R 13

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OM protein - protein search, using sw model

Run on: March 15, 2004, 12:55:20 ; Search time: 22 Seconds (without alignments)
1424.407 Million cell updates/sec

Title: US-09-734-002-2

Perfect score: 607

Sequence: 1 MILITPSTGRDFVHHSQV.....KRKGTPRHILYCKRSQEWV 607

Scoring table: OIIGO Gapop 60.0 , Gapext 60.0

Searched: 389414 seqs, 51625971 residues

Word size : 0

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database : Issued Patents AA: * /cgn2_6/protoda/2/1aa/5A_COMB_pep: *
1: /cgn2_6/protoda/2/1aa/5B_COMB_pep: *
2: /cgn2_6/protoda/2/1aa/6A_COMB_pep: *
3: /cgn2_6/protoda/2/1aa/6B_COMB_pep: *
4: /cgn2_6/protoda/2/1aa/6C_COMB_pep: *
5: /cgn2_6/protoda/2/1aa/PCMS_COMB_pep: *
6: /cgn2_6/protoda/2/1aa/backfile1.pep: *

Pred. No. 18 is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

% SUMMARIES

Result No.	Score	Match Length	DB ID	Description
1	607	100	3	US-09-000-041A-2
2	520	85	7	US-09-0211-704A-10
3	211	34	8	US-09-391-104-30
4	45	7	4	US-09-294-811-2
5	24	4	3	US-09-000-041A-13
6	18	3	18	US-09-211-704A-8
7	18	3	6	US-09-704-711A-3
8	18	3	0	US-09-521-220-3
9	18	3	0	US-09-391-104-29
10	17	2	8	US-09-704-711A-1
11	17	2	8	US-09-521-220-1
12	17	2	8	US-09-704-711A-2
13	17	2	8	US-08-448-493-1
14	17	2	8	US-09-211-704A-9
15	17	2	8	US-09-521-220-2
16	17	2	8	US-09-391-104-28
17	15	2	5	US-08-816-755-2
18	15	2	3	US-09-090-673-2
19	14	3	14	US-09-000-041A-5
20	14	2	3	US-09-000-041A-6
21	14	2	3	US-09-000-041A-8
22	11	1	3	US-08-704-711A-13
23	11	1	8	US-08-220-13
24	11	1	8	US-08-068-392-3
25	11	1	8	US-08-396-988-3
26	10	1	6	US-09-211-704-711A-17
27	10	1	6	US-08-704-711A-17

ALIGNMENTS

RESULT 1	US-09-000-041A-2
	; Sequence 2, Application US/0900041A
	; Patient No. 6191255
	; GENERAL INFORMATION:
	APPLICANT: Motcharu SEIKI et al
	TITLE OF INVENTION: NOVEL PROTEIN AND MONOClonAL ANTIBODY SPECIFIC THERETO
	NUMBER OF SEQUENCES: 14
	CORRESPONDENCE ADDRESS:
	ADDRESSEE: Wenderoth, Lind & Ponack, L.L.P.
	STREET: 2033 K Street, N.W., Suite 800
	CITY: Washington
	STATE: D.C.
	COUNTRY: U.S.A.
	ZIP: 20006
	COMPUTER READABLE FORM:
	MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
	OPERATING SYSTEM: MS-DOS
	SOFTWARE: Wordperfect 5.1
	CURRENT APPLICATION DATA:
	APPLICATION NUMBER: US/09/000,041A
	FILING DATE: January 13, 1998
	CLASSIFICATION: 536
	PRIOR APPLICATION DATA:
	APPLICATION NUMBER: PCT/JP96/01956
	FILING DATE: JULY 12, 1996
	ATTORNEY/AGENT INFORMATION:
	NAME: Lee Cheng
	REGISTRATION NUMBER: 40,949
	REFERENCE/DOCKET NUMBER:
	TELECOMMUNICATION INFORMATION:
	TELEPHONE: 202-721-8200
	TELEFAX: 202-721-8250
	INFORMATION FOR SEQ ID NO: 2:
	SEQUENCE CHARACTERISTICS:
	LENGTH: 607
	TYPE: Amino acid
	STRANDEDNESS: Single
	TOPOLOGY: Linear
	MOLECULE TYPE: Protein
	ORIGINAL SOURCE:
	ORGANISM: Human
	; US-09-000-041A-2

Query Match Similarity 100.0%; Score 607; DB 3; Length 607; Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indexes 0; Gaps 0; Matches 607; Conservative 0; Mismatches 0; Indexes 0; Gaps 0;

QY 1 MILITFSTGRGLDFVHSGVFFLQTLWILCATVGTEQYFNVEMLOKQYLLPPTDPRM 60

Db 1 MILITFSTGRGLDFVHSGVFFLQTLWILCATVGTEQYFNVEMLOKQYLLPPTDPRM 60

QY 61 SVLRAETMOSALAMQQYGINMTGKDVNTIDMKKPRCGVPPDQTRGSSKPHRRV 120

Db 61 SVLRAETMOSALAMQQYGINMTGKDVNTIDMKKPRCGVPPDQTRGSSKPHRRV 120

QY 121 ALTGQKWOHKHITSYSTKNTVPKVGDPEPTRKAIRRAFDWQNVPLTPEVPESELNGKR 180

Db 121 ALTGQKWOHKHITSYSTKNTVPKVGDPEPTRKAIRRAFDWQNVPLTPEVPESELNGKR 180

QY 181 DDDTITFASGPFGSSPPDGEGLAHAYFPGGIGGDTFHDSDEPMTLGNPNHDNDL 240

Db 181 DDDTITFASGPFGSSPPDGEGLAHAYFPGGIGGDTFHDSDEPMTLGNPNHDNDL 240

QY 241 FLVAVHELGHALGEHSNDPTAMAPYQYMETDNFKLPLNDLQGIQKYGPPDKLPPT 300

Db 241 FLVAVHELGHALGEHSNDPTAMAPYQYMETDNFKLPLNDLQGIQKYGPPDKLPPT 300

QY 301 RPLPTVPHRSIIPPADPRKDRKPRPRPTGRPSYSGPKNPICDGNFNTLIRRMEFVF 360

Db 301 RPLPTVPHRSIIPPADPRKDRKPRPRPTGRPSYSGPKNPICDGNFNTLIRRMEFVF 360

QY 361 KQWFMWVRVNRVMDGPMQITFWRGLPPSIDAVENSDGNFVFKGNKNTWFKOTLQ 420

Db 361 KQWFMWVRVNRVMDGPMQITFWRGLPPSIDAVENSDGNFVFKGNKNTWFKOTLQ 420

QY 420 KQIPSPSGAFVHKENGFTYFKGKEYWKFNQNLKVEPCHPRSLIKVPMGCGPDKTRV 480

Db 420 KQIPSPSGAFVHKENGFTYFKGKEYWKFNQNLKVEPCHPRSLIKVPMGCGPDKTRV 480

QY 481 KGTIPSPSGAFVHKENGFTYFKGKEYWKFNQNLKVEPCHPRSLIKVPMGCGPDKTRV 540

Db 481 KGTIPSPSGAFVHKENGFTYFKGKEYWKFNQNLKVEPCHPRSLIKVPMGCGPDKTRV 540

QY 541 EGSPSPDDVDTIKLDTASTVKAALIVPOTLCLIVWVTFQPKRGTRHLYCK 600

Db 541 EGSPSPDDVDTIKLDTASTVKAALIVPOTLCLIVWVTFQPKRGTRHLYCK 600

QY 601 RSMQEWV 607

Db 601 RSMQEWV 607

RESULT 2
Sequence 10, Application US/09211704A
Patent No. 6,277,014
GENERAL INFORMATION:
APPLICANT: de Saint-Vis, Blandine Marie
APPLICANT: Rosiez, Francois
APPLICANT: Caux, Christophe
APPLICANT: Lebecque, Serge J.E.
TITLE OF INVENTION: Mammalian Proteinases; Related Reagents
TITLE OF INVENTION: and Methods
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: DNA Research Institute
STREET: 901 California Avenue
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/211,704A
FILING DATE:
CLASSIFICATION: 435

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: US 09/005,263

FILING DATE: 09-JAN-1998

ATTORNEY/AGENT INFORMATION:

NAME: Ching, Edwin P.

REGISTRATION NUMBER: 34,090

REFERENCE/DOCKET NUMBER: SI0781K

TELECOMMUNICATION INFORMATION:

TELEPHONE: (650) 822-1200

TELEFAX: (650) 496-1916

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 607 amino acids

TYPE: amino acid

STRANDEDNESS: not relevant

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-09-211-704A-10

Query Match Similarity 85.7%; Score 520; DB 3; Length 607;

Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Index 0; Gaps 0;

Matches 520; Conservative 0; Mismatches 0; Index 0; Gaps 0;

QY 1 MILITFSTGRGLDFVHSGVFFLQTLWILCATVGTEQYFNVEMLOKQYLLPPTDPRM 60

Db 1 MILITFSTGRGLDFVHSGVFFLQTLWILCATVGTEQYFNVEMLOKQYLLPPTDPRM 60

QY 61 SVLRAETMOSALAMQQYGINMTGKDVNTIDMKKPRCGVPPDQTRGSSKPHRRV 120

Db 61 SVLRAETMOSALAMQQYGINMTGKDVNTIDMKKPRCGVPPDQTRGSSKPHRRV 120

QY 121 ALTGQKWOHKHITSYSTKNTVPKVGDPEPTRKAIRRAFDWQNVPLTPEVPESELNGKR 180

Db 121 ALTGQKWOHKHITSYSTKNTVPKVGDPEPTRKAIRRAFDWQNVPLTPEVPESELNGKR 180

QY 181 DDDTITFASGPFGSSPPDGEGLAHAYFPGGIGGDTFHDSDEPMTLGNPNHDNDL 240

Db 181 DDDTITFASGPFGSSPPDGEGLAHAYFPGGIGGDTFHDSDEPMTLGNPNHDNDL 240

QY 240 KQIPSPSGAFVHKENGFTYFKGKEYWKFNQNLKVEPCHPRSLIKVPMGCGPDKTRV 300

Db 240 KQIPSPSGAFVHKENGFTYFKGKEYWKFNQNLKVEPCHPRSLIKVPMGCGPDKTRV 300

QY 300 RPLPTVPHRSIIPPADPRKDRKPRPRPTGRPSYSGPKNPICDGNFNTLIRRMEFVF 360

Db 300 RPLPTVPHRSIIPPADPRKDRKPRPRPTGRPSYSGPKNPICDGNFNTLIRRMEFVF 360

QY 360 KQWFMWVRVNRVMDGPMQITFWRGLPPSIDAVENSDGNFVFKGNKNTWFKOTLQ 420

Db 360 KQWFMWVRVNRVMDGPMQITFWRGLPPSIDAVENSDGNFVFKGNKNTWFKOTLQ 420

QY 420 KQIPSPSGAFVHKENGFTYFKGKEYWKFNQNLKVEPCHPRSLIKVPMGCGPDKTRV 480

Db 420 KQIPSPSGAFVHKENGFTYFKGKEYWKFNQNLKVEPCHPRSLIKVPMGCGPDKTRV 480

QY 480 KGTIPSPSGAFVHKENGFTYFKGKEYWKFNQNLKVEPCHPRSLIKVPMGCGPDKTRV 540

Db 480 KGTIPSPSGAFVHKENGFTYFKGKEYWKFNQNLKVEPCHPRSLIKVPMGCGPDKTRV 540

QY 540 EGSPSPDDVDTIKLDTASTVKAALIVPOTLCLIVWVTFQPKRGTRHLYCK 600

Db 540 EGSPSPDDVDTIKLDTASTVKAALIVPOTLCLIVWVTFQPKRGTRHLYCK 600

QY 600 RSMQEWV 607

Db 600 RSMQEWV 607

RESULT 3
US-09-391-104-30

Sequence 30, Application US/09391104

Patent No. 6,99371

GENERAL INFORMATION:

APPLICANT: Abbott Laboratories

APPLICANT: Falduo, Michael T.

APPLICANT: Magnan, Scott R.

APPLICANT: Morgan, Douglas W.

TITLE OF INVENTION: HUMAN MATRIX METALLOPROTEASE GENE

TITLE OF INVENTION: PROTEINS ENCODED THEREFROM AND METHODS

TITLE OF INVENTION: OF USING SAME

FILE REFERENCE: 6073.US.P1

CURRENT APPLICATION NUMBER: US/09/391,104
 CURRENT FILING DATE: 1999-09-07
 PRIORITY APPLICATION NUMBER: US 08/814,394
 PRIORITY FILING DATE: 1997-03-11
 NUMBER OF SEQ ID NOS: 35
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO 30
 LENGTH: 604
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-391-104-30

Query Match 34.8%; Score 211; DB 4; Length 604;
 Best Local Similarity 100.0%; Pred. No. 3.5e-202; Mismatches 0; Indels 0; Gaps 0;
 Matches 211; Conservative 0; MisMatches 0; InDelS 0; Gaps 0;

QY 293 PDKUPPPTRPLPTPPHRSPIPPADPKDRPKRPPPTGRSYPGAKPNDGNTLAI 352
 290 PDKUPPPTRPLPTPPHRSPIPPADPKDRPKRPPPTGRSYPGAKPNDGNTLAI 349

QY 353 LRRENEVFKQWQFWRVNRVMDGQPMQTYFVRGLPPSDAVYEDGNVNPFKKNKW 412
 350 LRRENEVFKQWQFWRVNRVMDGQPMQTYFVRGLPPSDAVYEDGNVNPFKKNKW 409

QY 413 VFKDTITLQPGYPHDILTGSGIPPGIDSALIWNEDVGKTYIFKGDRYRIVSEEMKMDPG 472
 410 VFKDTITLQPGYPHDILTGSGIPPGIDSALIWNEDVGKTYIFKGDRYRIVSEEMKMDPG 469

QY 473 YPKPITVWKGIPESPOGAFYHKENGFTYK 503
 470 YPKPITVWKGIPESPOGAFYHKENGFTYK 500

Db

RESULT 4
 US-09-294-841-2
 Sequence 2, Application US/09294841A
 Patent No. 627417
 GENERAL INFORMATION:
 APPLICANT: Anthony J. Arleth
 APPLICANT: Anne Romanic Arnold
 APPLICANT: Xiaotong Li
 APPLICANT: Yuan Zhu
 TITLE OF INVENTION: A SPLICING VARIANT OF HUMAN MEMBRANE-TYPE
 FILM REFERENCE: GH-7013
 CURRENT APPLICATION NUMBER: US/09/294,841A
 CURRENT FILING DATE: 1999-04-20
 NUMBER OF SEQ ID NOS: 2
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO 2
 LENGTH: 532
 TYPE: PRT
 ORGANISM: HOMO SAPIEN
 US-09-294-841-2

Query Match 34.8%; Score 211; DB 4; Length 604;
 Best Local Similarity 100.0%; Pred. No. 3.5e-202; Mismatches 0; Indels 0; Gaps 0;
 Matches 211; Conservative 0; MisMatches 0; InDelS 0; Gaps 0;

QY 473 YPKPITVWKGIPESPOGAFYHKENGFTYK 503
 470 YPKPITVWKGIPESPOGAFYHKENGFTYK 500

Db

RESULT 5
 US-09-000-041A-13
 Sequence 13, Application US/09000041A
 Patent No. 619125
 GENERAL INFORMATION:
 APPLICANT: Motoharu SEIKI et al.
 TITLE OF INVENTION: NOVEL PROTEIN AND MONOClonAL ANTIBODY SPECIFIC THERETO
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESS:

RESULT 6
 US-09-211-704A-8
 Sequence 8, Application US/09211704A
 Patent No. 627014
 GENERAL INFORMATION:
 APPLICANT: de Saint-Vis, Blandine Marie
 APPLICANT: Fossiz, Francois
 APPLICANT: Caux, Christophe
 APPLICANT: Lebecque, Serge J.E.
 TITLE OF INVENTION: Mammalian Proteinases; Related Reagents
 NUMBER OF SEQUENCES: 10
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: DMAX Research Institute
 STREET: 901 California Avenue
 CITY: Palo Alto
 STATE: California
 COUNTRY: USA
 ZIP: 94304-1104

Computer Readable Form:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/211,704A
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 09/005,263
 FILING DATE: 09-JAN-1998
 ATTORNEY/AGENT INFORMATION:
 NAME: China, Edwin P.
 REGISTRATION NUMBER: 34,090
 REFERENCE/DOCKET NUMBER: SF0781K
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 852-0196
 TELEFAX: (650) 496-1000
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 564 amino acids
 TYPE: amino acid
 STRANDEDNESS: not relevant
 TOPOLOGY: linear
 MOLECULE TYPE: Peptide

US-09-211-704A-8

Query Match 3.0%; Score 18; DB 3; Length 564;
 Best Local Similarity 100.0%; Pred. No. 2.6e-09;
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 240 JELVAVHELGHLGJLHS 257
 Db 148 LFLVAVHELGHLGJLHS 165

RESULT 7

US-08-704-71A-3

Sequence 3, Application US/0870471A
 Patent No. 614159

GENERAL INFORMATION:

APPLICANT: WILL, Horst
 ATTORNEY: HINMANN, Bernd

TITLE OF INVENTION: DNA SEQUENCES FOR MATRIX
 TITLE OF INVENTION: METALLOPROTEASES, THEIR PRODUCTION AND USE
 NUMBER OF SEQUENCES: 22

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Foley & Lardner
 STREET: 3000 K Street, N.W., Suite 500
 CITY: Washington
 STATE: D.C.
 COUNTRY: USA
 ZIP: 20007-5109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/521,220
 FILING DATE: 08-MAR-2000
 CLASSIFICATION: <Unknown>
 STATE: D.C.
 COUNTRY: USA
 ZIP: 20007-5109

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/704,711
 FILING DATE: <Unknown>
 APPLICATION NUMBER: DE 4438838.1
 FILING DATE: 21-OCT-1994
 APPLICATION NUMBER: DE 4409663.1
 FILING DATE: 17-MAR-1994

ATTORNEY/AGENT INFORMATION:
 NAME: GRANADOS, Patricia D.
 REGISTRATION NUMBER: 33,683
 REFERENCE/DOCKET NUMBER: 26083/124

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (02) 672-5300
 TELEFAX: (02) 672-5399
 TELEX: 304136

INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 669 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 3:

US-09-521-220-3

Query Match 3.0%; Score 18; DB 4; Length 669;
 Best Local Similarity 100.0%; Pred. No. 2.6e-09;
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 240 LFLVAVHELGHLGJLHS 257
 Db 253 LFLVAVHELGHLGJLHS 270

RESULT 8

US-09-521-220-3

Sequence 3, Application US/09521220
 Patent No. 6399348

GENERAL INFORMATION:

APPLICANT: WILL, Horst
 ATTORNEY: HINMANN, Bernd

TITLE OF INVENTION: DNA SEQUENCES FOR MATRIX
 NUMBER OF SEQUENCES: 22

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Foley & Lardner
 STREET: 3000 K Street, N.W., Suite 500
 CITY: Washington

STATE: D.C.
 COUNTRY: USA
 ZIP: 20007-5109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/521,220
 FILING DATE: 08-MAR-2000
 CLASSIFICATION: <Unknown>
 STATE: D.C.
 COUNTRY: USA
 ZIP: 20007-5109

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/704,711
 FILING DATE: <Unknown>
 APPLICATION NUMBER: DE 4438838.1
 FILING DATE: 21-OCT-1994
 APPLICATION NUMBER: DE 4409663.1
 FILING DATE: 17-MAR-1994

ATTORNEY/AGENT INFORMATION:
 NAME: GRANADOS, Patricia D.
 REGISTRATION NUMBER: 33,683
 REFERENCE/DOCKET NUMBER: 26083/124

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (02) 672-5300
 TELEFAX: (02) 672-5399
 TELEX: 304136

INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 669 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 3:

US-09-521-220-3

Query Match 3.0%; Score 18; DB 4; Length 669;
 Best Local Similarity 100.0%; Pred. No. 2.6e-09;
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 240 LFLVAVHELGHLGJLHS 257
 Db 253 LFLVAVHELGHLGJLHS 270

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RESULT 9
US-09-391-104-29
; Sequence 29, Application US/09391104
; Patent No. 6399371
; GENERAL INFORMATION:
; APPLICANT: Abbott Laboratories
; APPLICANT: Faulauto, Michael T.
; APPLICANT: Magnuson, Scott R.
; APPLICANT: Morgan, Douglas W.
; TITLE OF INVENTION: HUMAN MATRIX METALLOPROTEASE GENE
; TITLE OF INVENTION: PROTEINS ENCODED THEREFROM AND METHODS
; TITLE OF INVENTION: OF USING SAME
; FILE REFERENCE: 6073.US.P1
; CURRENT APPLICATION NUMBER: US/09/91,104
; PRIORITY FILING DATE: 1999-09-07, US 08/814,394
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO: 29
; LENGTH: 669
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-391-104-29

Query Match
Best Local Similarity 3.0%; Score 18; DB 4; Length 669;
Matches 18; Conservative 0; Mismatches 0; Indexs 0; Gaps 0;
Qy 240 LFLVAVELGHALGIEHS 257
Db 253 LFLVAVELGHALGIEHS 270

RESULT 10
US-08-704-711A-1
; Sequence 1, Application US/08704711A
; Patent No. 6114159
; GENERAL INFORMATION:
; APPLICANT: WILL, Horst
; APPLICANT: HINZMANN, Bernd
; TITLE OF INVENTION: DNA SEQUENCES FOR MATRIX
; TITLE OF INVENTION: METALLOPROTEASES, THEIR PRODUCTION AND USE
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.3.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/704,711A
; FILING DATE: 20-Nov-1996
; CLASSIFICATION: <Unknown>
; PRIORITY FILING DATE: 21-OCT-1994
; 17-MAR-1994
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/704,711
; FILING DATE: <Unknown>
; APPLICATION NUMBER: DE 4438838.1
; FILING DATE: 21-OCT-1994
; APPLICATION NUMBER: DE 4409663.1
; FILING DATE: 17-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: GRANADOS, Patricia D.
; REGISTRATION NUMBER: 33,683
; REFERENCE/DOCKET NUMBER: 26083/124
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 672-5300
; TELEFAX: (202) 672-5399
; TELIX: 904136
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 579 amino acids
; STRANDEDNESS: single
; TYPE: amino acid
; TOPOLOGY: linear
; US-08-704-711A-1

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; REGISTRATION NUMBER: 33,683
; REFERENCE/DOCKET NUMBER: 26083/124
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 672-5300
; TELEFAX: (202) 672-5399
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 579 amino acids
; STRANDEDNESS: single
; TYPE: amino acid
; TOPOLOGY: linear
; US-09-521-220-1
; Sequence 1, Application US/09521220
; Patent No. 6393348
; GENERAL INFORMATION:
; APPLICANT: WILL, Horst
; APPLICANT: HINZMANN, Bernd
; TITLE OF INVENTION: DNA SEQUENCES FOR MATRIX
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.3.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/521,220
; FILING DATE: 08-Mar-2000
; CLASSIFICATION: <Unknown>
; PRIORITY FILING DATE: 21-OCT-1994
; 17-MAR-1994
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/704,711
; FILING DATE: <Unknown>
; APPLICATION NUMBER: DE 4438838.1
; FILING DATE: 21-OCT-1994
; APPLICATION NUMBER: DE 4409663.1
; FILING DATE: 17-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: GRANADOS, Patricia D.
; REGISTRATION NUMBER: 33,683
; REFERENCE/DOCKET NUMBER: 26083/124
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 672-5300
; TELEFAX: (202) 672-5399
; TELIX: 904136
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 579 amino acids
; STRANDEDNESS: single
; TYPE: amino acid
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:

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US-09-521-220-1

; Sequence 1, Application US/08448489

; Patent No. 6184022

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Query Match 2.8%; Score 17; DB 3; Length 582;
 Best Local Similarity 100.0%; Pred. No. 2.3e-08;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	198	PFDEGGFLAHAYFPGP	214
Db	191	PFDEGGFLAHAYFPGP	207

RESULT 15
 US-09-521-220-2
 ; Sequence 2, Application US/09521220
 ; Patent No. 639948
 ; GENERAL INFORMATION:
 ; APPLICANT: WILL, Horst
 ; HINZMANN, Bernd
 TITLE OF INVENTION: DNA SEQUENCES FOR MATRIX
 METALLOPROTEASES, THEIR PRODUCTION AND USE
 NUMBER OF SEQUENCES: 22
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Foley & Lardner
 STREET: 3000 K Street, N.W., Suite 500
 CITY: Washington
 STATE: D.C.
 ZIP: 20007-5109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/521,220
 FILING DATE: 08-MAR-2000
 CLASSIFICATION: <Unknown>
 21-OCT-1994
 17-MAR-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/704,711
 FILING DATE: <Unknown>
 APPLICATION NUMBER: DE 4438938.1
 FILING DATE: 21-OCT-1994
 APPLICATION NUMBER: DE 4409663.1
 FILING DATE: 17-MAR-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: GRANADOS, Patricia D.
 REGISTRATION NUMBER: 33,683
 REFERENCE/DOCKET NUMBER: 26083/124
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 672-5300
 TELEFAX: (202) 672-5399
 TELEX: 904136
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 582 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 2:
 US-09-521-220-2

Query Match 2.8%; Score 17; DB 4; Length 582;
 Best Local Similarity 100.0%; Pred. No. 2.3e-08;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	198	PFDEGGFLAHAYFPGP	214
Db	191	PFDEGGFLAHAYFPGP	207

Search completed: March 15, 2004, 13:11:03
 Job time : 23 secs

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GenCore version 5.1.5

OM protein - protein search, using sw model

Run on: March 15, 2004, 12:48:00 ; Search time 12:3667 Seconds
(without alignment) 58.444 Million cell updates/sec

Title: US-09-734-002-5

Perfect score: 72

Sequence: 1 QTRGSSKFHRRK 14

Scoring table: BioSTIM62

Gabop 10.0 , Gapext 0.5

Searched: 39414 seqs, 5162591 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents At:/*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:/*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:/*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:/*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:/*
5: /cgn2_6/ptodata/2/iaa/PCITS_COMB.pep:/*
6: /cgn2_6/ptodata/2/iaa/backfilled.pep:/*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score being printed, and is derived by analysis of the total score distribution.

RESULTS

RESULT 1

US-09-000-041A-5

Sequence 5, Application US/09000041A
Patent No. 6131255

GENERAL INFORMATION:

APPLICANT: Motoharu SEIKI et al

TITLE OF INVENTION: NOVEL PROTEIN AND MONOCLONAL ANTIBODY SPECIFIC THERETO

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS: Lind & Ponack, L.L.P.

ADDRESSEE: Wenderoth, Lind & Ponack, L.L.P.

STREET: 2033 K Street, N.W., Suite 800

CITY: Washington

CITY: Washington

STATE: D.C.

ZIP: 20006

ZIP: 20006

OPERATING SYSTEM: MS-DOS

SOFTWARE: Wordperfect 5.1

COMPUTER: IBM Compatible

OPERATING SYSTEM: MS-DOS

APPLICATION NUMBER: US/09/000041A

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/000041A

FILING DATE: January 13, 1998

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/JP96/01956

APPLICATION NUMBER: PCT/JP96/01956

FILING DATE: July 12, 1996

ATTORNEY/AGENT INFORMATION:

NAME: Lee Chang

REGISTRATION NUMBER: 40,949

REFERENCE/DOCKET NUMBER: 4753

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-721-8200

TELEFAX: 202-721-8250

TELEX:

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 14

TYPE: Amino acid

STRANDEDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Peptide

US-09-000-041A-5

Query Match Score 100.0%; Score 72; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.3e-06;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Sequence 5301, AP
Sequence 19732, A
Sequence 10, AP
Sequence 17968, A
Sequence 5, AP
Sequence 5, AP
Sequence 11, AP
Sequence 1610, A
Sequence 12, AP
Sequence 3514, AP
Sequence 18, AP
Sequence 18, AP
Sequence 24, AP
Sequence 24, AP
Sequence 3057, A
Sequence 326216, A

ALIGNMENTS

28 33 45.8 72 4 US-09-328-352-5301
29 33 45.8 98 4 US-09-252-991A-19732
30 33 45.8 200 4 US-09-813-742A-10
31 33 45.8 241 4 US-09-252-991A-17968
32 33 45.8 249 1 US-09-597-236-5
33 33 45.8 249 1 US-09-745-682A-5
34 33 45.8 287 1 US-08-365-981-10
35 33 45.8 287 1 US-08-365-981-11
36 33 45.8 442 4 US-09-489-039A-13610
37 33 45.8 452 4 US-09-809-802-12
38 33 45.8 525 4 US-09-134-001C-3514
39 33 45.8 587 2 US-08-871-266B-18
40 33 45.8 587 2 US-09-018-864A-18
41 33 45.8 587 3 US-08-871-267B-24
42 33 45.8 587 3 US-09-618-419-24
43 33 45.8 828 4 US-09-252-991A-21920
44 33 45.8 871 4 US-09-252-991A-33057
45.8 1027 4 US-09-252-991A-26216

Db 1 QTRGSSKFHRRKR 14

RESULT 2

US-09-391-104-30

; Sequence 30, Application US/09391104

; Patent No. 6399371

; GENERAL INFORMATION:

; APPLICANT: Abbott Laboratories

; APPLICANT: Falinto, Michael T.

; APPLICANT: Magnuson, Scott R.

; APPLICANT: Morgan, Douglas W.

TITLE OF INVENTION: HUMAN MATRIX METALLOPROTEASE GENE, METHODS

TITLE OF INVENTION: OF USING SAME

FILE REFERENCE: 6073 US PI

CURRENT APPLICATION NUMBER: US/09/391,104

PRIOR FILING DATE: 1997-03-11

PRIOR APPLICATION NUMBER: 1998-09-07

NUMBER OF SEQ ID NOS: 35

SOFTWARE: FASTSEQ for Windows Version 3.0

SEQ ID NO 30

LENGTH: 604

TYPE: PRT

ORGANISM: Homo sapiens

US-09-391-104-30

Query Match 100.0%; Score 72; DB 3; Length 607;

Best Local Similarity 100.0%; Pred. No. 6e-05;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY ||||||| Db 106 QTRGSSKFHRRKR 119

RESULT 4

US-09-211-704A-10

; Sequence 10, Application US/09211704A

; Patent No. 627014

; GENERAL INFORMATION:

; APPLICANT: de Saint-Vis, Blandine Marie

; APPLICANT: Fossiez, Francois

; APPLICANT: Caux, Christophe

; APPLICANT: Lebecque, Serge J. E.

TITLE OF INVENTION: Mammalian Proteinases; Related Reagents

TITLE OF INVENTION: and Methods

NUMBER OF SEQUENCES: 10

CORRESPONDENCE ADDRESS:

ADDRESSEE: DNX Research Institute

STREET: 901 California Avenue

CITY: Palo Alto

STATE: California

COUNTRY: USA

ZIP: 94304-1104

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/211,704A

FILING DATE: 09-JAN-1998

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 09/005,263

FILING DATE: 09-JAN-1998

ATTORNEY/AGENT INFORMATION:

NAME: Ching, Edwin P.

NAME: Ching, Edwin P.

REGISTRATION NUMBER: 34,090

REFERENCE/DOCKET NUMBER: SF07B1K

TELECOMMUNICATION INFORMATION:

TELEPHONE: (650)852-9196

TELEFAX: (650)496-1200

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 607 amino acids

TYPE: amino acid

STRANDEDNESS: not relevant

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-09-211-704A-10

Query Match 100.0%; Score 72; DB 3; Length 607;

Best Local Similarity 100.0%; Pred. No. 6e-05;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY ||||||| Db 106 QTRGSSKFHRRKR 119

RESULT 5
 US-09-732-210-997
 Sequence 997, Application US/09732210
 Patent No. 6573361
 GENERAL INFORMATION:
 APPLICANT: Bunkers, Greg J.
 APPLICANT: Liang, Jihong
 APPLICANT: Mittanck, Cindy A.
 APPLICANT: Seile, Jeffrey W.
 APPLICANT: Wu, Yonne S.
 TITLE OF INVENTION: Anti-fungal Proteins and Methods for Their Use
 FILE REFERENCE: 38-21(15036)B
 CURRENT APPLICATION NUMBER: US/09/732,210
 CURRENT FILING DATE: 2000-12-07
 PRIORITY NUMBER: US 60/169,513
 PRIORITY FILING DATE: 1999-12-07
 PRIORITY FILING DATE: 1999-12-07
 NUMBER OF SEQ ID NOS: 1753
 SEQ ID NO: 997
 LENGTH: 91
 TYPE: PRT
 ORGANISM: Caenorhabditis elegans
 US-09-732-210-997

RESULT 6
 Query Match 56.9%; Score 41; DB 4; Length 91;
 Best Local Similarity 53.6%; Pred. No. 3;
 Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
 QY 4 GSSKFFHRRKR 14
 Db 23 GKSSFHIIQKR 33

RESULT 8
 US-09-134-000C-4753
 Sequence 4753, Application US/09134000C
 Patent No. 6617156
 GENERAL INFORMATION:
 APPLICANT: Lynn Doucette-Stamm et al
 TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO
 TITLE OF INVENTION: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS
 FILE REFERENCE: 032796-032
 CURRENT FILING DATE: 1999-08-13
 PRIORITY NUMBER: US 60/055,778
 PRIORITY FILING DATE: 1997-06-15
 NUMBER OF SEQ ID NOS: 6812
 SOFTWARE: Patentin version 3.1
 SEQ ID NO: 4753
 LENGTH: 101
 TYPE: PRT
 ORGANISM: Enterococcus faecalis
 US-09-134-000C-4753

RESULT 9
 US-09-152-991A-29540
 Sequence 29540, Application US/0925991A
 Patent No. 6551795
 GENERAL INFORMATION:
 APPLICANT: Marc J. Robenstein et al.
 TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
 TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
 FILE REFERENCE: 107196-136
 CURRENT APPLICATION NUMBER: US/09/252,991A
 CURRENT FILING DATE: 1999-02-18
 PRIORITY NUMBER: US 60/074,788
 PRIORITY FILING DATE: 1998-02-18
 PRIORITY APPLICATION NUMBER: US 60/094,190
 PRIORITY FILING DATE: 1998-07-27
 NUMBER OF SEQ ID NOS: 33142
 SEQ ID NO: 29540

RESULT 7
 US-09-489-039A-13782
 Sequence 13782, Application US/09489039A

Db 550 TRGGQMEHVRPK 561

RESULT 12

US-09-107-532A-4027

Query Match 52.8%; Score 38; DB 4; Length 106;

Best Local Similarity 58.3%; Pred. No. 12; Indels 4; Gaps 0;

Matches 7; Conservative 1; Mismatches 4;

Qy 1 QTRGSSKFKIRR 12

Db 39 QRRGDROFHCCR 50

RESULT 10

US-09-252-991A-24770

Sequence 24770, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

FILE REFERENCE: 107196.136

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT FILING DATE: 1999-02-18

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR FILING DATE: 1998-02-18

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 24770

LENGTH: 290

TYPE: PRT

ORGANISM: Pseudomonas aeruginosa

US-09-252-991A-24770

Query Match 52.8%; Score 38; DB 4; Length 290;

Best Local Similarity 50.0%; Pred. No. 33; Mismatches 4; Indels 0; Gaps 0;

Matches 7; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Qy 1 QTRGSSKFKIRR 14

Db 9 RARGSSMLHLHRQR 22

RESULT 11

US-09-252-991A-22901

Sequence 22901, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

FILE REFERENCE: 107196.136

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT FILING DATE: 1999-02-18

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR FILING DATE: 1998-02-18

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 22901

LENGTH: 629

TYPE: PRT

ORGANISM: Pseudomonas aeruginosa

US-09-252-991A-22901

Query Match 52.8%; Score 38; DB 4; Length 629;

Best Local Similarity 50.0%; Pred. No. 74; Mismatches 2; Indels 0; Gaps 0;

Matches 6; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 2 TRGSSKFKIRR 13

Db 33 QAGGSSKEHIRR 45

RESULT 13

US-09-252-991A-119987

Query Match 52.4%; Score 37; DB 4; Length 67;

Best Local Similarity 61.5%; Pred. No. 11; Indels 4; Gaps 0;

Matches 8; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Qy 1 QTRGSSKFKIRR 13

Db 33 QAGGSSKEHIRR 45

RESULT 14

US-09-252-991A-19987

Query Match 52.8%; Score 38; DB 4; Length 629;

Best Local Similarity 50.0%; Pred. No. 74; Mismatches 2; Indels 0; Gaps 0;

Matches 6; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 2 TRGSSKFKIRR 13

Db 33 QAGGSSKEHIRR 45

CURRENT FILING DATE: 1999-02-18
; PRIORITY APPLICATION NUMBER: US 60/074,788
; PRIORITY FILING DATE: 1998-02-18
; PRIORITY APPLICATION NUMBER: US 60/094,190
; PRIORITY FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO: 19987
; LENGTH: 173
; TYPE: PRT
; ORGANISM: *Pseudomonas aeruginosa*
; US-09-252-991A-19987

Query Match 50.0%; Score 36; DB 4; Length 173;
; Best Local Similarity 50.0%; Pred. No. 45;
; Matches 6; Conservative 3; Mismatches 3; Indels 0;
; Gaps 0;
; Qy 1 QTRGSSKPHIRR 12
; Db 80 QARGAGRFPVRR 91

RESULT 14

US-09-252-991A-21479

; Sequence 21479, Application US/09252991A

; Patent No. 6551795

; GENERAL INFORMATION:

; APPLICANT: Marc J. Rubenfield et al.

; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO *PSEUDOMONAS*

; FILE REFERENCE: 107196.136

; CURRENT APPLICATION NUMBER: US/09/252,991A

; CURRENT FILING DATE: 1999-02-18

; PRIORITY APPLICATION NUMBER: US 60/074,788

; PRIORITY FILING DATE: 1998-02-18

; PRIORITY APPLICATION NUMBER: US 60/094,190

; PRIORITY FILING DATE: 1998-07-27

; NUMBER OF SEQ ID NOS: 33142

; SEQ ID NO: 21479

; LENGTH: 330

; TYPE: PRT

; ORGANISM: *Pseudomonas aeruginosa*

US-09-252-991A-21479

Query Match 50.0%; Score 36; DB 4; Length 330;
; Best Local Similarity 54.5%; Pred. No. 87;
; Matches 6; Conservative 2; Mismatches 3; Indels 0;
; Gaps 0;
; Qy 3 RGSSSKPHIRR 13
; Db 94 RGGGRPHRRR 104

RESULT 15

US-09-252-991A-21587

; Sequence 21587, Application US/09252991A

; Patent No. 6551795

; GENERAL INFORMATION:

; APPLICANT: Marc J. Rubenfield et al.

; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO *PSEUDOMONAS*

; FILE REFERENCE: 107196.135

; CURRENT APPLICATION NUMBER: US/09/252,991A

; CURRENT FILING DATE: 1999-02-18

; PRIORITY APPLICATION NUMBER: US 60/074,788

; PRIORITY FILING DATE: 1998-02-18

; PRIORITY APPLICATION NUMBER: US 60/094,190

; PRIORITY FILING DATE: 1998-07-27

; NUMBER OF SEQ ID NOS: 33142

; SEQ ID NO: 21587

; LENGTH: 416

; TYPE: PRT

; ORGANISM: *Pseudomonas aeruginosa*

US-09-252-991A-21587

Query Match 50.0%; Score 36; DB 4; Length 416;
; Best Local Similarity 61.5%; Pred. No. 1.1e+02; 3;
; Matches 8; Conservative 2; Mismatches 3; Indels 0;
; Gaps 0;
; Qy 2 TRGSSKPHIRR 14
; Db 74 TRSSKEVERRRQ 86

Search completed: March 15, 2004, 12:56:18
; Job time : 13.3667 secs

OM protein - protein search, using sw model

Run on: March 15, 2004, 13:09:56 ; Search time 39 Seconds

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Perfect score: 607

Sequence: 1 MILITFSTGRRRIDPVHHSGV. KRKGTPRHLVLYCKRSMQEWV 607

Scoring table: OLIQ30

Gapop 60.0 , Gapext 60.0

Searched: 809742 seqs, 211153259 residues

Word size : 0

Total number of hits satisfying chosen parameters: 809742

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database : Published_Applications_AA:*

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2: /cgn2_6/prodata/1/pubpaa/PCT_NEW_PUB.pep:*

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15: /cgn2_6/prodata/1/pubpaa/US00__NEW_PUB.pep:*

16: /cgn2_6/prodata/1/pubpaa/US00__NEW_PUB.pep:*

17: /cgn2_6/prodata/1/pubpaa/US06_PUBCOMB.pep:*

18: /cgn2_6/prodata/1/pubpaa/US06_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Length	DB ID	Description
1	607	100.0	607	9 US-09-734-002-2 Sequence 2, Appli
2	520	85.7	607	9 US-09-601-196-29 Sequence 29, Appli
3	520	85.7	607	14 US-10-176-978-BB Sequence 47, Appli
4	520	85.7	607	14 US-10-131-985-47 Sequence 36859, A
5	45	7.4	114	9 US-09-864-761-36859 Sequence 2, Appli
6	45	7.4	532	9 US-09-801-160-95 Sequence 5, Appli
7	45	7.4	618	14 US-10-406-209-5 Sequence 57, Appli
8	45	7.4	645	14 US-10-131-985-57 Sequence 13, Appli
9	45	7.4	645	14 US-10-131-985-57 Sequence 13, Appli
10	24	24	9	US-09-734-002-13 Sequence 28, Appli
11	20	3.3	582	14 US-09-133-797-6 Sequence 45, Appli
12	18	3.0	669	9 US-09-801-196-28 Sequence 4, Appli
13	18	3.0	669	14 US-10-131-985-45 Sequence 27, Appli
14	17	2.8	582	9 US-09-801-196-27 Sequence 27, Appli

ALIGNMENTS

RESULT 1 US-09-734-002-2

; Sequence 2, Application US/09734002

; Patent No. 20010016333A1

GENERAL INFORMATION:

APPLICANT: Motoharu SEIKI et al.

TITLE OF INVENTION: NOVEL PROTEIN AND METHOD FOR PRODUCING THE SAME

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: Wenderoth, Lind & Ponack, LLP

STREET: 203 K Street, N.W., Suite 1000

CITY: Washington

STATE: D.C.

COUNTRY: U.S.A.

ZIP: 20006

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch,

COMPUTER: IBM Compatible

OPERATING SYSTEM: MS-DOS

SOFTWARE: Wordperfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/734,002

FILING DATE: 12-Dec-2000

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/JP96/0195

ATTORNEY/AGENT INFORMATION:

NAME: Lee Cheung

REGISTRATION NUMBER: 40-349

REFERENCE/DOCKET NUMBER: <Unknown>

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-271-8200

TELEFAX: 202-721-8250

TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 607

4
-2
43
26
0407
21
Sequence 21, Appli
Sequence 5, Appli
Sequence 6, Appli
Sequence 8, Appli
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Sequence 15, Appli
Sequence 17, Appli
Sequence 3, Appli
Sequence 3, Appli
Sequence 10, Appli
Sequence 10, Appli
Sequence 4, Appli
Sequence 20, Appli
Sequence 176, App
Sequence 31, Appli
Sequence 21, Appli
Sequence 32, Appli
Sequence 6, Appli
Sequence 1, Appli
Sequence 41, Appli
Sequence 52, Appli
Sequence 54, Appli
Sequence 7, Appli
MONOCLONAL ANTIBODY SPECIFIC THERETO
ck, L.L.P.
e 800
1.44 mb

Db 1 MILITSTGRADFVHNSGVFLQTJLWILCATVCGEQFNVWFLQXGYPPDPRM 60
 Qy 61 SVLRSAAETMOSALAMQQFYGINMTGKVRNTIDMMKKPRCGVPDQTRGSSKHIRKRY 120
 Db 61 SVLRSAAETMOSALAMQQFYGINMTGKVRNTIDMMKKPRCGVPDQTRGSSKHIRKRY 120
 Qy 121 ALTGQKQWQKHITYSKNTVPRGDPETRKARRAFDQWNTPLTEEVPSLENGKR 180
 Db 121 ALTGQKQWQKHITYSKNTVPRGDPETRKARRAFDQWNTPLTEEVPSLENGKR 180
 Db 121 ALTGQKQWQKHITYSKNTVPRGDPETRKARRAFDQWNTPLTEEVPSLENGKR 180
 Db 121 ALTGQKQWQKHITYSKNTVPRGDPETRKARRAFDQWNTPLTEEVPSLENGKR 180
 Qy 181 DVDTITFASGFHQDSSPPDGEGLAHAYPGPGIGGGDTHDSDEPWTLGPNHDGNDL 240
 Db 181 DVDTITFASGFHQDSSPPDGEGLAHAYPGPGIGGGDTHDSDEPWTLGPNHDGNDL 240
 Qy 241 DVDTITFASGFHQDSSPPDGEGLAHAYPGPGIGGGDTHDSDEPWTLGPNHDGNDL 240
 Db 241 DVDTITFASGFHQDSSPPDGEGLAHAYPGPGIGGGDTHDSDEPWTLGPNHDGNDL 240
 Qy 241 DVDTITFASGFHQDSSPPDGEGLAHAYPGPGIGGGDTHDSDEPWTLGPNHDGNDL 240
 Db 241 DVDTITFASGFHQDSSPPDGEGLAHAYPGPGIGGGDTHDSDEPWTLGPNHDGNDL 240
 Qy 301 RPLPTVPPRSIIPADPRKDRPKPRPTGRPSYGAKPNCDSGNFTAILRERMFV 360
 Db 301 RPLPTVPPRSIIPADPRKDRPKPRPTGRPSYGAKPNCDSGNFTAILRERMFV 360
 Db 301 RPLPTVPPRSIIPADPRKDRPKPRPTGRPSYGAKPNCDSGNFTAILRERMFV 360
 Qy 361 KDNQFWVRVNRVMDGYPMQITYFWRGLPPSIDAVIENSDDNFVFRGNKWWVFDLTLQ 420
 Db 361 KDNQFWVRVNRVMDGYPMQITYFWRGLPPSIDAVIENSDDNFVFRGNKWWVFDLTLQ 420
 Qy 421 PGYPHDLITLGSGIPPHGIDSATWEDVGTYFKGDRWRYSEEMKTMDPGIPKPITW 480
 Db 421 PGYPHDLITLGSGIPPHGIDSATWEDVGTYFKGDRWRYSEEMKTMDPGIPKPITW 480
 Db 421 PGYPHDLITLGSGIPPHGIDSATWEDVGTYFKGDRWRYSEEMKTMDPGIPKPITW 480
 Qy 481 KGIPESPQAVHKENGFTYFYKGKBYWKENNQOLIKYEPG 520
 Db 481 KGIPESPQAVHKENGFTYFYKGKBYWKENNQOLIKYEPG 520
 Qy 481 KGIPESPQAVHKENGFTYFYKGKBYWKENNQOLIKYEPG 520
 Db 481 KGIPESPQAVHKENGFTYFYKGKBYWKENNQOLIKYEPG 520
 RESULT 4
 US-10-131-985-47
 ; Sequence 47, Application US/10131985
 ; Publication No. US20030199440A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dack, Kevin N
 ; APPLICANT: Davies, Michael J
 ; APPLICANT: Huggins, Jonathan P
 ; APPLICANT: McIntosh, Fraser S
 ; APPLICANT: Nicholson, Nicholas L
 ; TITLE OF INVENTION: Composition
 ; FILE REFERENCE: PGS 1093A
 ; CURRENT APPLICATION NUMBER: US/10/131, 985
 ; CURRENT FILING DATE: 2002-04-25
 ; PRIOR APPLICATION NUMBER: US/09/726, 295
 ; PRIOR FILING DATE: 2000-11-30
 ; PRIOR APPLICATION NUMBER: GB 9930768.8
 ; PRIOR FILING DATE: 1999-12-29
 ; NUMBER OF SEQ ID NOS: 60
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 47
 ; LENGTH: 607
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-131-985-47

Query Match 85.7%; Score 520; DB 14; Length 607;
 Best Local Similarity 100.0%; Prod. No. 0;
 Matches 520; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 MILITSTGRADFVHNSGVFLQTJLWILCATVCGEQFNVWFLQXGYPPDPRM 60
 Db 1 MILITSTGRADFVHNSGVFLQTJLWILCATVCGEQFNVWFLQXGYPPDPRM 60
 Qy 61 SVLRSAAETMOSALAMQQFYGINMTGKVRNTIDMMKKPRCGVPDQTRGSSKHIRKRY 120

PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/234,687
 PRIOR FILING DATE: 2000-06-21
 PRIOR APPLICATION NUMBER: US 09/608,408
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: US 09/774,203
 PRIOR FILING DATE: 2001-01-29
 NUMBER OF SEQ ID NOS: 49117
 SOFTWARE: Amimax Sequence Listing Engine vers. 1.1
 SEQ ID NO 36859
 LENGTH: 114
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 OTHER INFORMATION: MAP TO AL121752.2
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.9
 OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.6
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.4
 OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.8
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.1
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2.1
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.5
 OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 1.9
 OTHER INFORMATION EXPRESSED IN BT474, SIGNAL = 2.2
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.4
 OTHER INFORMATION: EST HUMAN HIT: AU119732.1, EVALUE 3.00e-47
 OTHER INFORMATION: SWISSPROT HIT: P51512, EVALUE 3.00e-48
 US-09-864-761-36859

RESULT 6

Query Match 7.4%; Score 45; DB 9; length 114;
 Best Local Similarity 100.0%; Pred. No. 1.2e-33; Mismatches 0; Indels 0; Gaps 0;
 Matches 45; Conservative 0; MisMatches 0; Del 0; Gaps 0;

Qy 188 FASGFHGDSPPDGGFLAHAYFPAGGIGDTHFDSDEPWTLGN 232
 Db 53 FASGFHGDSPPDGGFLAHAYFPAGGIGDTHFDSDEPWTLGN 97

RESULT 7

Query Match 7.4%; Score 45; DB 14; Length 618;
 Best Local Similarity 100.0%; Pred. No. 4.8e-33; Mismatches 0; Indels 0; Gaps 0;
 Matches 45; Conservative 0; MisMatches 0; Del 0; Gaps 0;

Qy 188 FASGFHGDSPPDGGFLAHAYFPAGGIGDTHFDSDEPWTLGN 232
 Db 197 FASGFHGDSPPDGGFLAHAYFPAGGIGDTHFDSDEPWTLGN 241

RESULT 8

Query Match 7.4%; Score 45; DB 14; Length 618;
 Best Local Similarity 100.0%; Pred. No. 4.8e-33; Mismatches 0; Indels 0; Gaps 0;
 Matches 45; Conservative 0; MisMatches 0; Del 0; Gaps 0;

Qy 188 FASGFHGDSPPDGGFLAHAYFPAGGIGDTHFDSDEPWTLGN 232
 Db 197 FASGFHGDSPPDGGFLAHAYFPAGGIGDTHFDSDEPWTLGN 241

RESULT 9

Query Match 7.4%; Score 45; DB 14; Length 618;
 Best Local Similarity 100.0%; Pred. No. 4.8e-33; Mismatches 0; Indels 0; Gaps 0;
 Matches 45; Conservative 0; MisMatches 0; Del 0; Gaps 0;

Qy 188 FASGFHGDSPPDGGFLAHAYFPAGGIGDTHFDSDEPWTLGN 232
 Db 197 FASGFHGDSPPDGGFLAHAYFPAGGIGDTHFDSDEPWTLGN 241

RESULT 10

Query Match 7.4%; Score 45; DB 9; length 532;
 Best Local Similarity 100.0%; Pred. No. 4.2e-33; Mismatches 0; Indels 0; Gaps 0;
 Matches 45; Conservative 0; MisMatches 0; Del 0; Gaps 0;

Qy 188 FASGFHGDSPPDGGFLAHAYFPAGGIGDTHFDSDEPWTLGN 232
 Db 111 FASGFHGDSPPDGGFLAHAYFPAGGIGDTHFDSDEPWTLGN 155

RESULT 11

Query Match 7.4%; Score 45; DB 9; length 532;
 Best Local Similarity 100.0%; Pred. No. 4.2e-33; Mismatches 0; Indels 0; Gaps 0;
 Matches 45; Conservative 0; MisMatches 0; Del 0; Gaps 0;

Qy 188 FASGFHGDSPPDGGFLAHAYFPAGGIGDTHFDSDEPWTLGN 232
 Db 224 FASGFHGDSPPDGGFLAHAYFPAGGIGDTHFDSDEPWTLGN 268

RESULT 12

Query Match 7.4%; Score 45; DB 9; length 532;
 Best Local Similarity 100.0%; Pred. No. 4.2e-33; Mismatches 0; Indels 0; Gaps 0;
 Matches 45; Conservative 0; MisMatches 0; Del 0; Gaps 0;

Qy 188 FASGFHGDSPPDGGFLAHAYFPAGGIGDTHFDSDEPWTLGN 232
 Db 224 FASGFHGDSPPDGGFLAHAYFPAGGIGDTHFDSDEPWTLGN 268

```

RESULT 9
; Sequence 57, Application US/10/1311985
; Publication No. US20030199440A1
; GENERAL INFORMATION:
; APPLICANT: Dack, Kevin N
; APPLICANT: Davies, Michael J
; APPLICANT: Fish, Paul V
; APPLICANT: Huggins, Jonathan P
; APPLICANT: McIntosh, Frazer S
; APPLICANT: Occlestone, Nicholas L
; TITLE OF INVENTION: Composition
; FILE REFERENCE: PCS 10391A
; CURRENT APPLICATION NUMBER: US/10/1311,985
; CURRENT FILING DATE: 2002-04-25
; PRIORITY NUMBER: US/09/726,295
; PRIORITY FILING DATE: 2000-11-30
; PRIORITY APPLICATION NUMBER: GB 9930768.8
; NUMBER OF SEQ ID NOS: 60
; SEQ ID NO 57
; LENGTH: 645
; SOFTWARE: PatentIn Ver. 2.1
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-1311-985-57

Query Match 7.4%; Score 45; DB 14; Length 645;
Best Local Similarity 100.0%; Pred. No. 4.9e-33; Mismatches 0; Indels 0; Gaps 0;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
GENERAL INFORMATION:
APPLICANT: Motoharu SRIKI et al.
TITLE OF INVENTION: NOVEL PROTEIN AND MONOClonAL ANTIBODY SPECIFIC THERETO
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wedroth, Lind & Ponack, L.L.P.
STREET: 2033 K Street, N.W., Suite 800
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20006

RESULT 10
; Sequence 13, Application US/09/734002
; GENERAL INFORMATION:
; APPLICANT: Motoharu SRIKI et al.
; TITLE OF INVENTION: NOVEL PROTEIN AND MONOClonAL ANTIBODY SPECIFIC THERETO
; NUMBER OF SEQUENCES: 14
; CURRENT APPLICATION DATA:
; APPLICANT NUMBER: US/09/734, 002
; FILING DATE: 12-Dec-2000
; CLASSIFICATION: <Unknown>
; PRIORITY APPLICATION DATA:
; APPLICANT NUMBER: PCT/JP96/01956
; FILING DATE: July 12, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee Cheng
; REGISTRATION NUMBER: 40,949
; REFERENCE/DOCKET NUMBER: <Unknown>
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-721-8200
; TELEX: 202-721-8250
; TELEX: <Unknown>

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICANT NUMBER: US/09/734, 002
FILING DATE: 12-Dec-2000
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICANT NUMBER: PCT/JP96/01956
FILING DATE: July 12, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Lee Cheng
REGISTRATION NUMBER: 40,949
REFERENCE/DOCKET NUMBER: <Unknown>
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-721-8200
TELEX: 202-721-8250
TELEX: <Unknown>

RESULT 11
; Sequence 6, Application US/10/133797
; Publication No. US2003010902A1
; GENERAL INFORMATION:
; APPLICANT: Wu, Shujian
; APPLICANT: Chen, Jian
; APPLICANT: Feder, John
; APPLICANT: Lee, Lianna
; APPLICANT: Krystek, Stanley
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL METALLOPROTEASE HIGHLY
; FILE REFERENCE: D0141NP
; CURRENT APPLICATION NUMBER: US/10/133,797
; CURRENT FILING DATE: 2002-04-26
; PRIORITY NUMBER: US 6/286,764
; PRIORITY FILING DATE: 2001-04-26
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 582
; TYPE: PRT
; ORGANISM: Rattus norvegicus
; US-10-133-797-6

Query Match 3.0%; Score 20; DB 14; Length 582;
Best Local Similarity 100.0%; Pred. No. 7.3e-10; Mismatches 0; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
GENERAL INFORMATION:
APPLICANT: Wang, Kai
APPLICANT: Smith, Ryan
APPLICANT: Faraldo, Mark
APPLICANT: Moss, Patrick
TITLE OF INVENTION: A NOVEL MATRIX METALLOPROTEINASE (MMP-25)
TITLE OF INVENTION: EXPRESSED IN SKIN CELLS
FILE REFERENCE: 240083_509
CURRENT APPLICATION NUMBER: US/09/801,196
CURRENT FILING DATE: 2001-03-06
NUMBER OF SEQ ID NOS: 37
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 28
LENGTH: 569
TYPE: PRT
ORGANISM: Homo sapiens

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US-09-801-196-28

Query Match 3.0%; Score 18; DB 9; Length 669;
Best Local Similarity 100.0%; Pred. No. 5.9e-08;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 240 LFLVAVHELGHALGELS 257
Db 253 LFLVAVHELGHALGELS 270

RESULT 13

US-10-131-985-45

; Sequence 45, Application US/10131985
; Publication No. US2003019940A1

; GENERAL INFORMATION:

; APPLICANT: Dack, Kevin N
; APPLICANT: Davies, Michael J
; APPLICANT: Fish, Paul V
; APPLICANT: Huggins, Jonathan P
; APPLICANT: McIntosh, Fraser S
; APPLICANT: Occleston, Nicholas L

; TITLE OF INVENTION: Composition
; FILE REFERENCE: PGS 10391A
; CURRENT APPLICATION NUMBER: US/10/131,985

; CURRENT FILING DATE: 2002-04-25

; PRIOR APPLICATION NUMBER: US/09/726,295

; PRIOR FILING DATE: 2000-11-30

; PRIOR APPLICATION NUMBER: GB 9930768.8

; PRIOR FILING DATE: 1999-12-29

; NUMBER OF SEQ ID NOS: 60

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO: 45

; LENGTH: 669

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-131-985-45

Query Match 3.0%; Score 18; DB 14; Length 669;
Best Local Similarity 100.0%; Pred. No. 5.9e-08;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 240 LFLVAVHELGHALGELS 257
Db 253 LFLVAVHELGHALGELS 270

RESULT 14

US-09-916-658-4

; Sequence 4, Application US/09916658
; Patent No. US20020025510A1

; GENERAL INFORMATION:

; APPLICANT: Stringin, Alex Y.
; APPLICANT: Deryugina, Elena I.

; TITLE OF INVENTION: Screening Methods Based On
; TITLE OF INVENTION: Superactivated Alpha β Integrin

; FILE REFERENCE: P-LJ 4811

; CURRENT APPLICATION NUMBER: US/09/916,658

; CURRENT FILING DATE: 2001-07-26

; PRIOR APPLICATION NUMBER: US 60/220,705

; PRIOR FILING DATE: 2000-07-26

; NUMBER OF SEQ ID NOS: 12

; SOFTWARE: FastSBQ for Windows Version 4.0

; SEQ ID NO: 4

; LENGTH: 582

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-916-658-4

Query Match 2.8%; Score 17; DB 9; Length 582;
Best Local Similarity 100.0%; Pred. No. 4.5e-07;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 198 PFPGEGERPLAHAYFPGP 214
Db 191 PFDGEGFLAHAYFPGP 207

RESULT 15

US-09-801-196-27

; Sequence 27, Application US/09801196
; Patent No. US2002037827A1

; GENERAL INFORMATION:

; APPLICANT: Wang, Kai
; APPLICANT: Smith, Ryan
; APPLICANT: Fajardo, Mark
; APPLICANT: Mass, Patrick

; TITLE OF INVENTION: EXPRESSED IN SKIN CELLS
; FILE REFERENCE: 240083-509

; CURRENT APPLICATION NUMBER: US/09/801,196

; CURRENT FILING DATE: 2001-03-06

; NUMBER OF SEQ ID NOS: 37

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO: 27

; LENGTH: 582

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-801-196-27

Query Match 2.8%; Score 17; DB 9; Length 582;
Best Local Similarity 100.0%; Pred. No. 4.5e-07;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 198 PFDGEGFLAHAYFPGP 214
Db 191 PFDGEGFLAHAYFPGP 207

Search completed: March 15, 2004, 13:15:40
Job time : 40 secs